

EDITION 1928

**TOOLS WITH THIS
TRADEMARK ARE BEST.**



TOOL FACTORY

MEISTER & SCHLINGENSIEPEN

CRONENBERG (RHLD.) GERMANY



Catalogue

OF THE TOOL-FACTORY

MEISTER & SCHLINGENSIEPEN

ESTABLISHED 1876

CRONENBERG (Rhenish Prussia)
GERMANY

REGISTERED TRADEMARKS:



REGISTERED TRADEMARK OF:

„POT“

THE GERMAN PATENT OFFICE

„MEISTER - QUALITY“

CABLES: MEISTERWERK, CRONENBERGRHEINLAND
Telephone Cronenberg Nr. 48 A.B.C. Code 5th Edition

1928 EDITION

General Conditions.

The prices contained herein cancel all previous editions of this catalogue.

The Prices of this list are to be understood in English currency with a discount of 45 %

Delivery CIF all principal ports of the world provided sufficiently large shipments are in question. Otherwise delivery will be made for Hamburg. 50%

Payment Conditions for Over Sea Buyers. Payment must be made against delivery of the shipping documents, which we shall send to the bankers of our customers if good European references can be given by the buyers. If the over-sea customer cannot give European reference we must demand a payment in advance of at least 10% of the value of the order as security that documents will be honoured at presentation.

This Catalogue
remains our property and is not transferable.
It must be returned if recalled.

Pincers


No. 100

Black, polished edges. Superior Quality.

Length inch	5	6	7	8	9	10	11	12
p. doz. sh.	9/8	10/10	12/6	14/5	18/-	21/8	28/10	32/3


No. 102

Black, polished head. Warranted Quality.

Length inch	5	6	7	8	9	10	11
p. doz. sh.	9/8	10/10	12/6	14/5	18/-	21/8	27/8


No. 104 1/2

Black, polished head. Best warranted.

Length inch	5	6	7	8	9	10	11	12
p. doz. sh.	9/8	10/10	12/-	15/-	17/5	19/10	25/3	28/3

Farriers' Pincers


No. 105

Length inch	11	12	13
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a) Black p. doz. sh.	49/3	52/3	55/3
b) Bright all over	55/3	58/3	61/3


No. 106

Length inch	11	12	13
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a) Black p. doz. sh.	52/3	55/3	58/3
b) Bright all over	58/3	61/3	64/10


No. 107 German Military Model

Length 11 inch

a) Black p. doz. sh.	55/3
b) Bright all over	61/3

No. 110 Pliers with flat nose.
.. 111 round nose.

inch	4	4 1/2	5	5 1/2	6	7	8
------	---	-------	---	-------	---	---	---

a) Black, bright nose							
p. doz. sh.	7/11	9/-	9/9	11/2	13/-	16/7	23/5
b) Bright all over							
p. doz. sh.	9/-	9/9	10/10	12/3	14/1	19/1	25/7



No. 110

No. 111


No. 1519 Weavers' Pliers, box joint

Length inch	4 1/2	5	5 1/2	6
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a) black with bright nose				
p. doz. sh.	10/10	12/-	12/8	14/5
b) bright all over	11/5	12/8	13/10	15/8



No. 1520 Chain Pliers, box joint

Length inch 4 4 1/4 5 5 1/2 6 7 8

a) black with bright nose

p. doz. sh. 10/3 10/10 12/- 12/8 14/5 18/- 25/3

b) bright all over

p. doz. sh. 10/10 11/5 12/8 13/10 15/8 21/- 27/-



No. 113

No. 113 1/4

Walchmakers' Pliers

No. 113 with long flat nose, box joint

„ 113 1/4 with long round nose, box joint

Length inch 4 4 1/4 5 5 1/2 6

a) black, polished nose p. doz. sh. 9/8 10/3 11/5 12/8 14/5

b) fine oxidised „ „ „ 13/10 15/- 16/3 18/- 21/-

c) polished over all „ „ „ 10/10 11/5 12/- 13/10 15/8



No. 114 Dressmakers' Pliers

fine polished, straw coloured jaws, box joint

Length inch 4 4 1/4 5 5 1/2

p. doz. sh. 16/10 18/- 19/10 21/8



No. 1521

No. 114 1/2

No. 1521 Telephone Pliers with long flat nose and side cutter, box joint.

„ 114 1/2 dto. with long round pointed nose

Length inch 5 5 1/2 6

a) fine black, bright nose p. doz. sh. 18/8 20/5 23/5

b) fine bright all over „ „ „ 19/10 21/8 25/3

No. 114 1/2 Telephone Pliers with long round pointed nose, side cutter but with joint laid on.

Length 5 1/2 inch

a) black, bright nose per doz. sh. 12/-

b) bright all over „ „ „ 13/3

No. 115 Combination Pliers

Fine black, polished head.



Length inch 5 6 7 8

per doz. sh. 12/- 13/10 16/3 19/3

No. 116 Combination Pliers, insulated.

Tested for 5000 Volts.



Length inch 5 6 7 8

per doz. sh. 16/10 19/3 21/8 25/3

No. 118 Telegraph Pliers

Black, polished head.



Length inch 6 7 8 9 10 12

per doz. sh. 13/3 16/3 19/3 23/3 27/9 36/-

No. 118¹/₂ Telegraph Pliers



Black with polished head, 2 burner holes and 3 wire cutters.

Length inch	6	7	8	9	10	12
per doz. sh.	18/8	22/3	27/8	32/5	37/10	46/10

No. 119 Bell Pliers. Box joint.



Length inch	4	4 1/2	5	5 1/2	6	7	8
a) black, polished head							
per doz. sh.	13/10	15/8	16/10	18/-	19/10	21/8	21/10
b) bright all over							
per doz. sh.	15/8	16/10	18/-	19/10	21/8	27/-	34/3

No. 1523 Bell Pliers or Side Cutting Pliers, English model.



Length inch	5	5 1/2	6	7	8
per doz. sh.	15/6	16/1	16/5	19/-	22/6

No. 1524 Bell Pliers or Side Cutting Pliers, American model.



Length inch	4	5	6	7	8
per doz. sh.	15/-	15/6	16/6	19/-	22/6

No. 1525 Side Cutting Pliers



Length inch	5	5 1/2	6	6 1/2	7	8
per doz. sh.	16/3	17/-	18/-	18/9	20/3	23/3

No. 114³/₄ Cable Pliers



Length inch	6	7	8
per doz. sh.	19/9	23/-	27/9



No. 1527 Universal Pliers for Farmers

Checkered handles. Length 10 inches

a) fine black, only polished at the front of the head	per doz. sh.	41/6
b) fine black with polished head and joint	"	45/-
c) polished all over	"	52/6
d) unfinished or oxidised all over	"	63/-

No. 1526 Glass Pliers



Length inch	6	7	8
per doz. sh.	22/10	29/5	39/-



No. 111^{1/2} Nut Pliers

Black with polished head.

Length inch	5	5 ^{1/2}	6	7
per doz. sh.	11/5	12/8	14/5	17/5



No. 111^{3/4} Nut Pliers. New model.

Black with polished head. 6^{1/2} inch long.

per doz. sh. 16/3



No. 99 Parallel Flat Nose Pliers

with Side Cutter. Fine bright

Length inch	4 ^{1/2}	5 ^{1/2}	6 ^{1/2}	
per doz. sh.	49/6	51/9	54/—	



No. 98 Parallel Flat Nose Pliers

Fine bright.

Length inch	4 ^{1/2}	5 ^{1/2}	6 ^{1/2}	7 ^{1/2}
per doz. sh.	25/10	28/3	30/8	34/3



No. 124 Front Cutting Nippers

Very strong. Fine black with polished front.

Length inch	6	7 ^{1/2}	8 ^{1/2}	10	11	12
a) for soft wire . . . per doz. sh.	33/8	44/6	54/-	75/-	94/10	118/3
b) . . . hard. steel wire . . .	40/3	52/3	64/10	90/8	114/-	142/3



No. 123 Front Cutting Nippers

Very strong. Fine black with polished front.

Length inch	5	5 ^{1/2}	6	7	8
a) for soft wire . . . per doz. sh.	20/5	24/-	28/3	33/8	43/3
b) . . . hard. steel wire . . .	25/3	28/10	34/3	40/10	52/10



No. 125 Front Cutting Nippers

Box joint. Hand forged.

Length inch	4	4 ^{1/2}	5	5 ^{1/2}	6	7	8
a) bright all over . . . per doz. sh.	15/8	16/10	18/-	19/10	21/8	27/-	34/3
b) black with pol. front . . .	13/10	15/8	16/10	18/-	19/10	24/8	31/10



No. 126 Side Cutting Nippers

Box joint. Hand forged.

Length inch	4	4 ^{1/2}	5	5 ^{1/2}	6	7	8
a) bright all over . . . per doz. sh.	16/3	17/5	19/3	21/-	22/3	28/3	35/8
b) black with pol. front . . .	14/5	16/3	17/5	19/3	20/5	25/3	32/5



No. 1522 Side Cutting Nippers
Swedish model

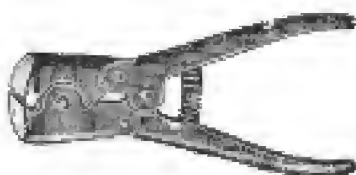
Length inch 5 5 1/2 6

- a) black, bright nose p. doz. sh. 13/3 14/5 15/8
b) bright all over 14/5 15/8 16/10



No. 127 Tower Pincers for cutting wire
Black with polished head.

Length inch 6 7 8 9 10
per doz. sh. 12/- 14/5 17/5 20/5 24/-

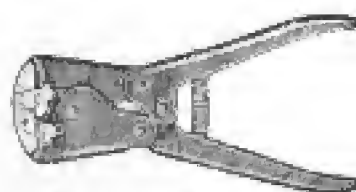


No. 131 Lever Cutting Nippers
with wide jaws. Best Sheet Steel.

Length inch 5 6 7 8
per doz. sh. 20/5 22/10 25/3 28/10

- No. 131 wide jaws
" 131 1/2 narrow jaws

No. 131 1/2 do. with narrow jaws for
Cycle Spokes. 6 inch long
per doz. sh. 22/10



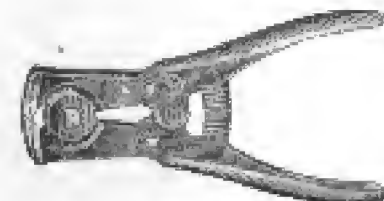
No. 132 Lever Cutting Nippers
with wide exchangeable jaws.
Best Sheet Steel.

Length inch 5 6 7 8

- a) for soft wire p. doz. sh. 28/10 32/5 36/8 41/5
extra jaws . . . p. doz. pairs .. 13/3 13/3 14/5 14/5
b) for hardened steel wire (dz. .. 30/8 34/10 39/- 43/3
extra jaws . . . p. doz. pairs .. 14/5 14/5 21/- 21/-

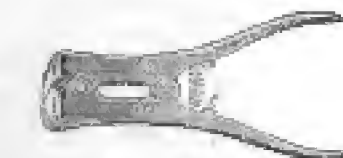
- No. 132 wide jaws
" 132 1/2 narrow jaws

No. 132 1/2 do. but with narrow jaws for
Cycle Spokes. 6 inch long p. doz. sh. 32/5
extra jaws p. doz. pairs .. 13/3



No. 132 3/4 Lever Cutting Nippers

Head of drop forged steel, handles from best
sheet steel, with narrow jaws to cut cycle
spokes. 6 inch long per doz. sh. 30/8



No. 133 Lever Cutting Nippers
All drop forged steel. Wide jaws.

Length inch 5 6 7 8 10

- a) for soft wire p. doz. sh. 52/3 57/8 64/3 72/- 97/10
b) " hard. steel wire . . . 60/- 66/8 73/3 82/10 112/10

- No. 133 wide jaws
" 133 1/2 narrow jaws

No. 133 1/2 do. but with narrow jaws
to cut cycle spokes

Length inch 5 6 7 8
per doz. sh. 60/- 66/8 73/3 82/10



No. 134 Side Cutting Nippers

Very strong, fine black.

Length inch 6 1/2 8 10 12

a) for soft wire . . p. doz. sh. 21/- 31/3 43/3 61/10
b) " hard steel wire . . 25/3 37/3 51/8 74/5



No. 1516 Side Cutting Nippers or Parrot Beak Cutters.

All steel forged, black 7 1/2 inch long.
per doz. sh. 72/-



No. 145 Cycle Cone Pliers
" 144 Auto Cone Pliers

No. 145 Cycle Cone Pliers

Length inch 7 8

a) black, pol. head p. doz. sh. 11/5 13/3
b) bright all over " " 18/- 19/3

No. 144 Auto Cone Pliers. 10 inch long

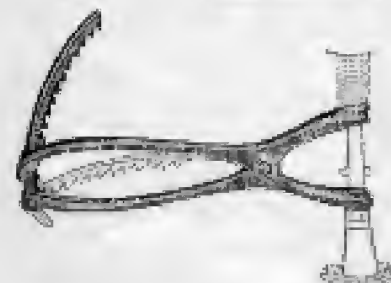
	(a) black	(b) bright all over
per doz. sh.	22/10	30/8



No. 145 1/2 Cycle Cone Pliers

with bent handles, 8 inch long

	(a) black	(b) bright all over
per doz. sh.	15/-	22/10



No. 128 Valve-Lifters

Black with polished head.

Length 9 inch

per doz. sh. 19/10



No. 129 Pliers for Greasers

Fine black. Length 9 inch.

per doz. sh. 23/5



No. 122 Cartridge Pliers

Fine polished all over, drop forged.

Length 6 inch per doz. sh. 31/3



No. 157 Tube Bending Pliers

Best malleable cast, black all over.

for „Bergmann“ tubes

of inch	5/16	3/8	1/2	5/8	3/4	7/8	1 1/8
p. doz. sh.	16/3	16/10	18/-	19/10	23/5	32/5	34/3



No. 158 Tube Bending Pliers
with spring and ring clip. Made of very strong
sheet steel. **Best Pliers of their kind.**

a) for „Bergmann“ tubes of inch	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
per doz. sh.	32/5	33/3	35/5	39/8	43/3	48/10	57/-
b) for „Kuhlo“ tubes . . . of inch	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
per doz. sh.	30/8	30/8	30/8	30/8	30/8	32/5	32/5



No. 148 Gas Pliers. French pattern.
Best Quality. Fine black with polished head.
Length inch 6 7 8 9 10 11 12
per doz. sh. 17/5 19/10 21/8 24/8 28/10 33/8 39/-



No. 151 Gas Pliers. German pattern.
Best Quality. Fine black with polished head.
Length inch 6 7 8 9 10 11 12
per doz. sh. 17/5 19/10 21/8 24/8 28/10 33/8 39/-



No. 148 1/2 Gas Pliers. English pattern.
Fine black with polished head
Length inch 6 7 8 9 10
per doz. sh. 17/5 19/10 21/8 25/10 30/-



No. 149 Adjustable Gas Pliers
Length inch $5\frac{1}{2}$ $6\frac{1}{4}$ $7\frac{1}{2}$ $8\frac{1}{2}$
a) black, pol. head p doz. sh. 14/5 16/3 19/10 28/3
b) bright all over 18/- 19/10 24/8 34/10
c) nickel plated 21/8 23/8 29/5 41/5



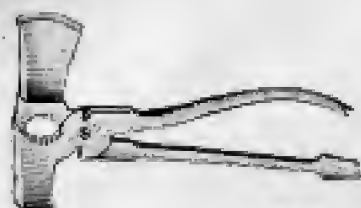
No. 146 1/2 Burner Pliers. Thin jaws.
Bright all over.
Length inch 5 6 7
per doz. sh. 16/10 19/3 21/8



No. 146 Burner Pliers. Thin jaws.
Length inch 5 6 7
a) black per doz. sh. 15/- — —
b) bright all over „ „ „ 16/10 19/3 21/8



No. 155 Adjustable Pipe Wrenches
Length inch 6 7 9 12 14 16
per doz. sh. 10/16 12/8 19/3 32/5 48/- 63/-



No. 160 Combination Tool

Best Quality. Drop forged of
best Cast Steel Nickel plated.

Length inch	4 1/2	5	5 1/2	6	7	8
per doz. sh.	27/8	31/10	34/8	36/-	46/10	54/-



No. 137 1/2 Punch Pliers

Bright all over. Warranted Quality. Drop forged.

Length inch	5 1/2	6	7
per doz. sh.	16/8	18/-	21/8



No. 138 Eyelet Pliers

Bright all over. Warranted Quality. Drop forged.

Length inch	5 1/2	6	7
per doz. sh.	16/8	18/-	21/8



No. 138 3/4 Punch Pliers

Bright all over, drop forged.

Length inch	6	6 1/2	7
per doz. sh.	42/-	44/5	46/10



No. 139 3/4 Revolving Punch Pliers

of stamped Sheet Steel. Bright all over.

With 6 tubes, 8 inch long

per doz. sh. 30/8

No. 139 3/4 Sheet Steel

" 139 1/2 All Drop Forged Steel

No. 139 1/2 Revolving Punch Pliers

All Drop Forged Steel. Bright.

8 inch long, with 6 tubes.

a) heavy pattern . . . per doz. sh. 72/-

b) light " of cast " " 43/3



No. 140 Shoemakers' and Saddlers' Pincers

with screw. Bright all over.

Length inch	7	8
per doz. sh.	23/5	27/-



No. 141 Shoemakers' and Saddlers' Pincers

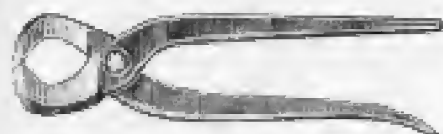
with screw. Bright all over.

Length inch	7	8
per doz. sh.	25/3	28/10



No. 142^{1/4} Shoemakers' and Saddlers' Pincers. English pattern. Bright all over.

Length inch	6	7	8
per doz. sh.	18.-	21/8	27.-



No. 142^{1/2} Shoemakers' Pincers
Black, polished head.

Length inch	6	7	8
per doz.-sh.	12/2	13 10	15/4



No. 66 Button Pliers for Shoemakers
Forged Steel.

a) black	per doz. sh.	43/3
b) bright all over		48/-
c) nickel plated		57/8



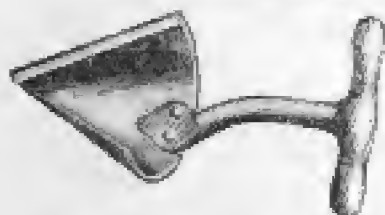
No. 1510 Lead-Pipe Cutters

for pipes up to inch	1	2
per doz. sh.	48.-	96.-
Extra Cutters p. doz. pairs	7 8	16/3



No. 1511 Lead-Pipe Opening Pliers

Length inch	9 1/2	11
per doz. sh.	59/5	62 5



No. 1512 Lead-Pipe Reamers

for pipes up to inch	1	2
per doz. sh.	27/8	37 10



No. 1514 Electricians' Pliers

With Wheel Cutter

Cutting „Bergmann“ pipes up to 3/8 inch.
Drop forged, fine yellow polished. 6 inch long.
per doz. sh. 42.-
Extra Cutters „ „ „ 6/8



No. 1515 Electricians' Pliers

for cutting „Bergmann“ pipes up to 3/8 inch.
8 inch long. With Cover-Remover for wire of:
a) 1,0 1,5 2,5 mm per doz. sh. 52/3
b) 2,5 3,0 4,0 mm „ „ „ 52/3
c) 0,8 1,0 1,5 2,5 mm „ „ „ 52/3
Extra Cutters per doz. pairs sh 10/10



No. 1517 Electricians' Pliers

for cutting „Bergmann“ pipes. 6 inch long.

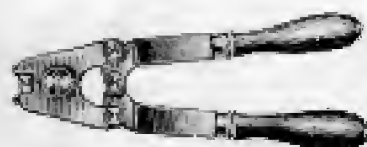
per doz. sh. 28/3

Extra Cutters „ „ „ 5/5



No. 143¹/₂ Lead-Sealing Pliers

Size No.	4/0	3/0	2/0	0a	0b	1	2
Diameter of Dies inch	$\frac{5}{16}$	$\frac{11}{32}$	$\frac{3}{4}$	$\frac{7}{16}$	$\frac{15}{32}$	$\frac{9}{16}$	$\frac{5}{8}$
Length of Pliers	5	6	6 ¹ / ₂	7 ¹ / ₂	8 ¹ / ₂	10	12
a) polished . . . each sh.	4/10	5/9	6/9	7/8	9/8	11/3	14/3
b) nickel plated „ „	5/9	6/9	7/8	9/-	11/3	12/9	16/3



No. 143³/₄ Lead-Sealing Pliers

Size No.	2	3	4
Diameter of Dies inch	$\frac{5}{16}$	$\frac{11}{16}$	$\frac{3}{4}$
Length of Pliers	12	14	16
a) polished . . . each sh.	20/3	22/6	25/6
b) nickel plated „ „	23/3	26/3	30/-



No. 156a Blacksmiths' Tongs

Straight lip.

Length inch	12	14	16	18	20	22	24	26	28
per doz. sh.	21/8	25/3	28/10	32/5	36/-	41/5	48/8	61/3	73/10



No. 156b Blacksmiths' Tongs

Hollow lip.

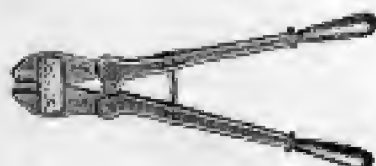
Length inch	12	14	16	18	20	22	24	26	28
per doz. sh.	23/5	27/-	30/8	34/3	37/10	43/3	50/5	63/-	75/8



No. 156c Blacksmiths' Tongs with

Universal-Mouth. Will hold any shape of work.

Length inch	12	14	16	18	20	22	24	26	28
per doz. sh.	36/-	41/5	43/3	45/-	50/5	61/3	68/5	75/8	86/5



No. 175 Bolt Clippers

most usual pattern.

Length inch	12	18	24	30
each sh.	4/6	8/2	13/6	22/-



No. 175¹/₂ Bolt Clippers

Handles of best Steel Pipe.

Length inch	12	18	24	30
each sh.	4/6	8/2	13/6	22/-



No. 176 Bolt Clippers

Adjustable Cutters.

Length inch	18	24	30	35	40
each sh.	13/10	24/9	40/5	57/-	77/-



No. 176 1/2 Bolt Clippers

American pattern. With adjustable cutters.

Length inch	24	30	36
each sh.	33/9	43/6	54/6
Extra Cutters p. pair ..	12/-	17/5	23/-



No. 165 Chain Pipe Wrenches

Take Pipes from inch	1/4-1	1/2-2	3/4-3	1-4	1-6	2-8	2-10	7-14
each sh.	4/8	7/6	12/7	15/4	34/6	45/-	56/-	86/3
Extra Chains	1/4	2/4	3/11	4/6	8/11	12/-	16/7	23/7



No. 165 1/2 Chain Pipe Wrenches

American pattern.

Size No.	10	11	12	13	13 1/2	14	15
Take pipes from inch	1/4-1	1/2-2	3/4-3	1-4	1-6	2-8	7-14
each sh.	6/-	9/8	16/6	25/-	45/6	60/-	113/-
Extra Chains	1/9	3/-	5/2	7/7	11/8	15/9	31/-



No. 166 Pipe Wrenches

Take Pipes up to inch	1	2	3	4
each sh.	6/6	9/2	14/-	21/2



No. 65 Pipe Wrenches, Swedish Model

Take pipes up to inch	1	1 1/2	2	3	4
each sh.	6/9	8/9	13/-	16/3	19/3



Pipe Wrenches, Stillson pattern

	Length inch	6	8	10	14	18	24	36
Take Pipes up to ..		1/2	3/4	1	1 1/2	2	2 1/2	3 1/2
No. 64 All Steel . . . p. doz. sh.		—	45/8	48/8	67/10	95/8	145/10	230/5
" 63 With Wood Handle		42/-	46/10	52/10	73/3	102/-	—	—

No. 177 Link Pipe Cutters

Cutting Pipes of inch	2-3	2-4	2-5	2-6	2-7
each sh.	54/-	60/6	67/3	74/8	81/9

Cutting Pipes of inch	2-8	5-10	5-11	5-13	5-16
each sh.	87/9	97/3	104/6	109/3	115/3

Extra Wheels per doz. sh. 24/-





No. 170 With Three
" 169 " One

Pipe Cutters. Warranted Quality.

Cutting pipes up to inch	1	2	3	4
Wheel Cutters each sh.	14/-	21/9	41/3	62/6
" " " "	12/6	18/11	32/2	48/3



No. 168a Pipe Cutters. English pattern.
With Three Wheel Cutters.

Cutting pipes of inch	$\frac{1}{2}$ —1	1—2	2—3	2—4
each sh.	16/9	26/-	44/6	68/-



No. 168b Pipe Cutters. English pattern.
With One Wheel Cutter.

Cutting pipes of inch	$\frac{1}{2}$ —1	1—2	2—3	2—4
each sh.	13/6	21/6	33/6	50/-



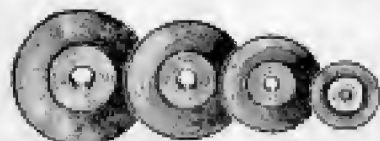
No. 172 Excelsior Pipe Cutters
With one wheel-cutter and 4 rolls.

Cutting pipes up to inch	1	2	3	4
each sh.	14/-	21/9	41/3	62/6



No. 167 Pipe Cutters. Barnes pattern.

Cutting pipes up to inch	1	2	3	4
each sh.	10/9	14/7	23/11	47/1



No. 171 Spare Cutter Wheels

Cutting pipes up to inch	1	2	3	4
per doz sh.	10/3	13/10	18/8	22/10



No. 187 Combination Pipe and
Nut Wrenches

Length inch	8	10	12	15	18
each sh.	8/3	9/3	10/9	15/-	25/8



No. 179 Alligator Wrenches
Best Quality. All Drop Forged

Length inch	10	12	16	20	24	26	28
Take pipes from	$\frac{1}{8}$ — $\frac{1}{4}$	$\frac{1}{4}$ — $\frac{1}{2}$	$\frac{1}{2}$ —1	1—1 $\frac{1}{2}$	1 $\frac{1}{2}$ —2	2—2 $\frac{1}{2}$	2 $\frac{1}{2}$ —3
each sh.	3/11	4/10	7/7	10/10	17/5	24/-	30/6



No. 180 Engineers' Wrenches

Length inch	4	5	6	8	10	12	14
a) heavy model each sh.	3/-	3/9	5/6	7/3	9/9	13/6	19/-
b) light	2/3	2/5	3/6	6/3	8/1	10/10	14/10

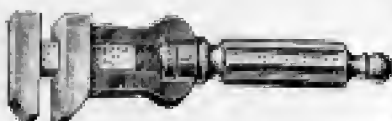


No. 181 Coach Wrenches
Cast Steel Drop Forged.

Length inch	8	10	11	12	13	14	16
a) Black each sh.	8/10	8/10	9/11	11/-	12/-	13/1	15/2
b) Bright all over	10/4	10/4	11/5	12/6	13/6	14/7	16/8

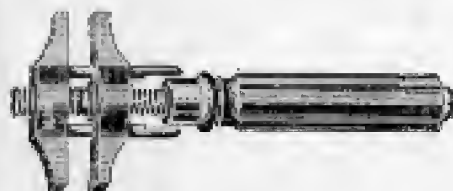


No. 183 Coach Wrenches
Cast Steel Drop Forged.
With oval head.
each sh. 1/- more than No. 181



No. 181 1/2 Coach Wrenches
Cast Steel Drop forged.

Length inch	8	10	11	12	13	14	16
a) Black each sh.	8/10	8/10	9/11	11/-	12/-	13/1	15/2
b) Bright all over	10/4	10/4	11/5	12/6	13/6	14/7	16/8



No 185 Coach Wrenches
French pattern. With octagon wood handle.

Length inch	6	7	8	9	10
each sh.	3/-	3/5	3/10	4/1	4/6
Length inch	11	12	13	14	16
each sh.	5/2	5/9	6/5	7/6	9/3



No. 184 Clyburn Spanners
All drop forged steel. Grey finished.

Length inch	6	8	10	12	14	16	18
each sh.	2/8	3/6	4/5	5/9	6/11	8/8	10/-



No. 186 1/2 Adjustable Spanners
Crescent Pattern.

Length inch	4	6	8	10	12
a) fine bright . . . each sh.	1/11	2/8	3/2	4/2	5/8
b) grey finished . . .	1/10	2/4	2/10	3/9	5/2



No. 97 Double Spanners
Crescent Pattern. With polished heads.

Length inch	6	8	10	12
for nuts of . . .	5/16-3/8	3/8-1/2	1/2-5/8	5/8-3/4
each sh.	4/7	5/8	7/8	9/8



No. 96 Adjustable Spanners

Specially made for Motor-Cars with taper jaws to take nuts placed in awkward or difficult positions and to take thin double-nuts. All drop forged steel. Extra strong. Fine grey finished.
Length 8 inch each sh. 4/6



No. 1518 The New Adjustable Double Spanner „Ideal“ D.R.P.

Very strong. English grey finished.

Size No.	1	2	3
opening up to inch	$\frac{3}{4}$	$1\frac{1}{4}$	2
each sh.	6/3	10/-	15/6

No. 1570 Adjustable Spanners



Latest Novelty. This spanner takes the nuts by turning the handle sideways either to right or the left.

Finish polished all over.

Size	0	1	2
Opening inch	$\frac{5}{16}$ to $1\frac{1}{16}$	$\frac{5}{16}$ to $1\frac{1}{8}$	$\frac{1}{2}$ to $1\frac{3}{4}$
Length	$5\frac{1}{2}$	8	11
per doz. sh.	32/6	50/6	79/3



No. 200 Engineers' Wrenches

Best Quality Steel. Double Head.

Finished and hardened openings.

width of the jaws mm	10×12	12×14	12×17	14×16	12×19	16×20	16×22
thickness of the bolt inch	$\frac{1}{16} \times \frac{1}{4}$	$\frac{1}{8} \times \frac{3}{16}$	$\frac{1}{4} \times \frac{5}{16}$	$\frac{5}{16} \times \frac{3}{8}$	$\frac{1}{4} \times \frac{1}{2}$	$\frac{3}{8} \times \frac{1}{2}$	$\frac{5}{8} \times \frac{1}{2}$
per dozen sh.	11/6	13/3	14/6	15/-	15/9	18/9	20/-
width of the jaws mm	20×22	18×25	18×28	22×25	22×28	22×30	25×28
thickness of the bolt inch	$\frac{1}{16} \times \frac{1}{2}$	$\frac{1}{8} \times \frac{3}{16}$	$\frac{1}{8} \times \frac{1}{2}$	$\frac{1}{4} \times \frac{3}{16}$	$\frac{1}{4} \times \frac{1}{2}$	$\frac{1}{4} \times \frac{11}{16}$	$\frac{5}{16} \times \frac{1}{2}$
per dozen sh.	21/-	24/9	27/-	26/-	27/9	31/3	30/-
width of the jaws mm	25×30	28×30	22×32	25×32	28×32	30×32	28×30
thickness of the bolt inch	$\frac{1}{16} \times \frac{11}{16}$	$\frac{1}{8} \times \frac{11}{16}$	$\frac{1}{8} \times \frac{3}{4}$	$\frac{5}{16} \times \frac{3}{4}$	$\frac{3}{8} \times \frac{1}{4}$	$\frac{11}{16} \times \frac{3}{4}$	$\frac{5}{8} \times \frac{13}{16}$
per dozen sh.	34/3	36/-	38/6	39/-	39/9	41/-	46/3
width of the jaws mm	30×35	28×38	32×35	30×38	32×38	32×42	35×38
thickness of the bolt inch	$\frac{11}{16} \times \frac{13}{16}$	$\frac{3}{8} \times \frac{1}{2}$	$\frac{3}{8} \times \frac{11}{16}$	$\frac{11}{16} \times \frac{1}{2}$	$\frac{3}{4} \times \frac{1}{2}$	$\frac{3}{4} \times 1$	$\frac{15}{16} \times \frac{7}{8}$
per dozen sh.	47/-	48/9	47/6	50/-	50/6	59/-	53/-
width of the jaws mm	38×40	35×40	35×42	38×42	40×42	42×47	45×55
thickness of the bolt inch	$\frac{3}{8} \times \frac{15}{16}$	$\frac{13}{16} \times \frac{15}{16}$	$\frac{13}{16} \times 1$	$\frac{7}{8} \times 1$	$\frac{15}{16} \times 1$	$1 \times 1\frac{1}{8}$	$1 \times 1\frac{1}{2}$
per dozen sh.	59/-	57/9	62/-	62/6	63/9	79/3	110/-
width of the jaws mm	47×52	52×57	50×60	55×65	60×65	65×70	65×70
thickness of the bolt inch	$1\frac{1}{8} \times 1\frac{1}{4}$	$1\frac{1}{8} \times 1\frac{3}{8}$	$1\frac{1}{8} \times 1\frac{3}{8}$	$1\frac{1}{2} \times 1\frac{1}{2}$	$1\frac{3}{8} \times 1\frac{1}{2}$	$1\frac{1}{2} \times 1\frac{3}{8}$	$1\frac{1}{2} \times 1\frac{3}{8}$
per dozen sh.	96/-	144/9	151/3	198/-	203/-	227/-	227/-
width of the jaws mm	65×75	70×75	70×80	75×80	70×85	80×85	80×85
thickness of the bolt inch	$1\frac{1}{2} \times 1\frac{1}{4}$	$1\frac{3}{8} \times 1\frac{1}{2}$	$1\frac{3}{8} \times 1\frac{1}{2}$	$1\frac{3}{4} \times 1\frac{1}{2}$	$1\frac{3}{8} \times 2$	$1\frac{7}{8} \times 2$	$1\frac{7}{8} \times 2$
per dozen sh.	251/-	285/-	331/-	345/-	360/-	396/-	396/-
width of the jaws mm	80×90	85×90	85×95	90×95	90×100	100×120	100×120
thickness of the bolt inch	$1\frac{3}{8} \times 2\frac{1}{8}$	$2 \times 2\frac{1}{8}$	$2 \times 2\frac{1}{4}$	$2\frac{1}{8} \times 2\frac{1}{4}$	$2\frac{1}{8} \times 2\frac{3}{8}$	$2\frac{3}{8} \times 2\frac{3}{8}$	$2\frac{3}{8} \times 2\frac{3}{8}$
per dozen sh.	435/-	474/-	513/-	534/-	573/-	816/-	816/-

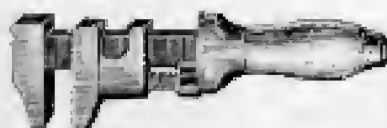


No. 201

Engineers' Wrenches

Best Quality Steel. Single head.
Finished and hardened openings.

width of the jaws mm	10	12	14	17	20	22	25	28
thickness of the bolt inch	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$
per dozen sh.	9/-	9/9	11/-	13/3	15/9	17/6	20/-	24/-
width of the jaws mm	30	32	35	38	40	42	45	47
thickness of the bolt inch	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1	1	$1\frac{1}{8}$
per dozen sh.	27/9	33/9	39/-	44/-	50/6	56/6	63/-	65/-
width of the jaws mm	50	55	60	65	70	75	80	85
thickness of the bolt inch	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{7}{8}$	2
per dozen sh.	73/3	78/9	101/-	131/-	144/-	179/-	243/-	311/-
width of the jaws mm	90	95	100	105	110	115	120	125
thickness of the bolt inch	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{5}{8}$	$2\frac{3}{4}$	$2\frac{7}{8}$	3
per dozen sh.	389/-	427/-	476/-	506/-	547/-	578/-	637/-	715/-



No. 189 Nut Wrenches. Coes pattern.

Length inch 6 8 10 12

a) light model p. doz. sh.	—	25/3	30/8	37/3
b) heavy " " " "	24/-	30/-	38/5	48/-



No. 188 Nut Wrenches. Acme pattern.

Length inch 8 10 12

a) light model p. doz. sh.	21/8	26/5	36/8
b) heavy " " " "	22/10	30/8	45/8



No. 191 Motor Wrenches.

Grey finished. Best Quality.

Length inch $7\frac{1}{2}$ $9\frac{1}{2}$ 12 14

a) with tyre lever p. doz. sh.	21/-	29/5	39/-	100/10
b) without " " " "	21/-	29/5	39/-	100/10



No. 191 1/2 Cycle Wrenches.

With steel hammer and tyre lever. 6 inch long.

a) grey finished	per doz. sh.	12/-
b) blue " " " "	" " "	10/3
c) nickel plated " " " "	" " "	13/3



Cycle Spanners „King Dick“

Length inch 3 4

No. 192 blue, all cast

per doz. sh. 10/3 13/3

No. 192a with steel hammer and spring

blue per doz. sh. 12/- 14/6

grey finished " " 12/9 15/-

No. 192b all steel with spring
4 inch long

blue " " " "	per doz. sh.	25/3
grey finished " " " "	" " "	24/-
oxydised " " " "	" " "	27/-

No. 192 1/2 Motor Spanners
„King Dick“

6 inch long grey finished oxydised

a) with steel hammer	36/-	39/8
b) all steel p. doz. sh.	45/-	48/-



No. 205 Girdler Spanners.

All steel.

Length inch 3 4 6

- b) fine yellowed p. doz. sh. 22/3 23/6 45/-
c) fine black oxydised „ „ 23/6 25/3 50/-



No. 1528 The New Adjustable Cycle and Motor Spanner.

All Steel, fine blue. The sliding jaw reinforced in the back.

Very handy. Length 5 1/2 inch.
per doz. sh 34/3



No. 193 Cycle Spanners with 10 holes.

Bright polished and slightly nickel plated per doz. sh. 4/10



No. 202 Pedal Spanners of best steel.

13 inch long Thickness mm 3 1/2 5

- a) blue with polished heads p. doz. sh. 16/3 20/5
b) grey finished with pol. heads „ „ 15/- 19/3
c) „ „ all over „ „ 13/10 18/-



No. 80 Pedal Spanners of best steel.

Short length. 7 inch long. Thickness 3 1/2 mm

- a) blue with polished heads per doz. sh. 14/5
b) grey finished with pol. heads „ „ 12/8
c) „ „ all over „ „ 11/5



No. 79 Spanners for Motor-Cycles

Set of 2 pieces.

Best steel, finished and hardened openings. Replacing Motor-Nut-Wrenches of an assortment of 5 pieces. Length 7 inch. Thickness 5 mm

Width of open. mm 8x10x11x12x14x15 16x17x18x19
grey finished all over per doz. sets sh. 27/-



No. 77 Spanners for Sparking Plugs

with oblique opening. Length 6 inch.

Thickness 5 mm. Width of opening 1 inch.

- a) grey finished all over . . per doz. sh. 10/10
b) „ „ with pol. heads „ „ 12/8



No. 78 Spanners for Sparking Plugs

The same as No. 77 but with straight opening.

- a) grey finished all over . . per doz. sh. 10/10
b) „ „ with pol. heads „ „ 12/8



No. 199 Double ended Spanners for Auto Cars in sets with leather straps.

All drop forged steel with reinforced heads. Grey finished all over.

a) set of 5	8x10 11x12 14x15 16x17 18x19	p. set sh. 3/8
b) . . 6	8x10 11x12 14x15 16x17 18x19 20x22	4.11
c) . . 7	8x10 11x12 14x15 16x17 18x19 20x22 25x28	7.1
d) . . 8	8x10 11x12 14x15 16x17 18x19 20x22 25x28 30x32	9.8
e) . . 9	8x10 11x12 14x15 16x17 18x19 20x22 25x28 30x32	10.5
f) . . 5 special set for English nuts	$\frac{1}{2} \times \frac{3}{16}$ $\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$	7.0



Double ended flat Spanners for Auto Cars in sets. (Without reinforcement of heads.) All of steel with leather strap.

sets of pieces	a	b	c	d	e	f
	5	6	7	8	9	5
	8x10	8x10	8x10	8x10	8x10	$\frac{1}{2} \times \frac{3}{16}$
	11x12	11x12	11x12	11x12	11x12	$\frac{1}{2} \times \frac{3}{16}$
	14x15	14x15	14x15	14x15	9x13	$\frac{3}{16} \times \frac{1}{16}$
	16x17	16x17	16x17	16x17	14x15	$\frac{1}{2} \times \frac{3}{16}$
	18x19	18x19	18x19	18x19	16x17	$\frac{1}{2} \times \frac{3}{16}$
	—	20x22	20x22	20x22	18x19	—
	—	—	25x28	25x28	20x22	—
	—	—	—	30x32	25x28	—
	—	—	—	—	30x32	—

No. 83 grey finished all over p. set sh.	3/10	4/6	6/8	9/8	10/3	6/-
„ 84 grey finish, with pol. heads	4/-	4/0	7/-	10/2	10/10	6/4

No. 194 Box Spanners

Straight, fine black with polished heads and one bunny to each set.

a) Set of 3, taking nuts inch	$\frac{3}{16} \times \frac{1}{4}$ $\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$	p. set sh. 2.10
b) . . 4	$\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$	3.4
c) . . 5	$\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$	4.8
d) . . 6	$\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$	6.11
e) . . 7	$\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$	8.7

No. 198 Box Spanners

Bent, fine black with polished heads and one bunny to each set.

a) Set of 4 taking nuts inch	$\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$	per set sh. 4/3
b) Set of 5 taking nuts inch	$\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$	per set sh. 5/11
c) Set of 5 taking nuts inch	$\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$	per set sh. 4/8
d) Set of 5 taking nuts inch	$\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{4} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$ $\frac{1}{2} \times \frac{1}{16}$	per set sh. 5/3



No. 207 Tube Spanners for Sparking Plugs
Opening 1 inch.

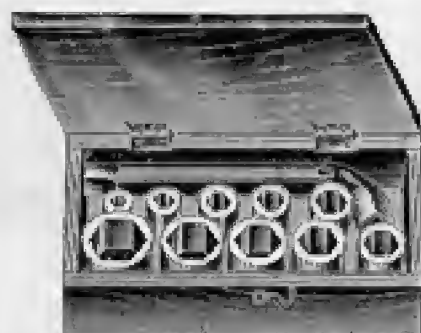
- a) Length $3\frac{1}{2}$ inch per doz. sh. 10.10
b) " 5 " " " 12.5



Wheel Braces for Auto Cars
to take the wheel nuts by exchanging the wheels,
for nuts of 14, 16, 18, $18\frac{1}{2}$, 19, 20 or 21 mm

- No. 86 All steel each sh. 1.11
" 85 With wood handle 2.2

It is necessary to indicate the size of the sockets required.



No. 197 Bent Box Spanners
in polished wooden case
with 10 nut boxes.

Openings mm	10	12	14	16	18
	20	22	25	28	32
per set sh.	9.4				

No. 197 with 10 nut boxes as illustrated
No. 197 $\frac{1}{4}$ with 27 nut boxes

No. 197 $\frac{1}{4}$ Ditto with 27 nut boxes.

Openings mm	10	11	12	13	14	15	16	17	18
	19	20	21	22	23	24	25	26	27
	28	29	30	31	32	33	34	35	36
per set sh.	21.5								



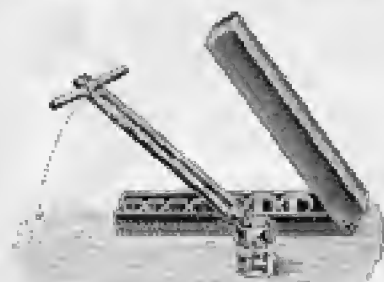
No. 197 $\frac{1}{2}$ Box Spanners for Ford Cars
in tin box with 6 nut boxes.

Openings mm	$12\frac{1}{2}$	$14\frac{1}{2}$	16	$17\frac{1}{2}$	19	23
per set sh.	5.9					



No. 88 Box Spanners for Ford Cars
With Ratchet and 6 nut boxes.
in tin box.

Openings mm	$12\frac{1}{2}$	$14\frac{1}{2}$	16	$17\frac{1}{2}$	19	23
per set sh.	7.6					



No. 89-91

No. 90 Special Set for Ford Cars.
Containing: One handle with ball-joint and 6 nut boxes.

Openings mm 13 14 16 17 19 24
per set sh. 10/4

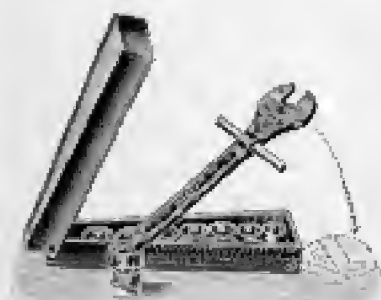
No. 89 Box Spanners
in fine black tin boxes. All parts steel grey finished.

Handle with ball joint. 7 nut boxes.

Openings mm 12 14 16 18 20 22 24
per set sh. 10/9

No. 91 Special Set for English nuts
with 6 nut boxes.

Size of bolts inch $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$
per set sh. 10/4



No. 92-94

No. 92 Box Spanners for Auto Cars

in fine black tin boxes. All parts steel grey finished.

Containing: One adjustable spanner with ball joint and 12 nut boxes.

Openings mm 12 13 14 15 16 17
18 19 20 22 23 24
per set sh. 20/-

No. 93 Special Set for Ford Cars.
Consisting of:

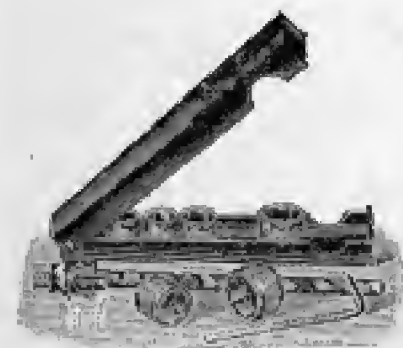
One Adjustable Spanner with ball-joint.
One Screwdriver No. 1074.
One Wire Brush for sparking plugs.
Six Nut boxes

Openings mm 13 14 16 17 19 24
per set sh. 20/-

No. 94 Special Set for English nuts
Containing:

One Adjustable Spanner with ball joint.
One Screwdriver No. 1074.
One Wire Brush for sparking plugs.
Six Nut boxes for

size of bolts inch $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$
per set sh. 20/-

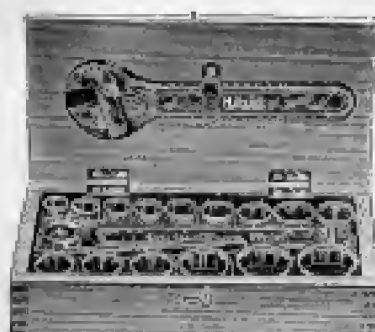


No. 87 Box Spanners for Auto Cars

in fine black tin boxes. All parts steel grey finished.

Containing: 1 Handle with adjustable hexagon head. 6 Nut boxes

Openings mm 13 15 16 18 19 23
per set sh. 6/-



No. 95 Box Spanner Sets suitable for all Cars

In polished wooden case.

Containing: 1 Spanner No. 96 special for
Auto Cars

1 Handle with ball joint.

15 Nut boxes

Openings mm	12	13	14	15	16	17	18	19
	20	22	23	24	27	29	32	
per set sh.	26/3							



No. 210 Clamp-Vices. Hand forged.

Every vice is fully warranted.

up to 2 kilos	heavier than 2 kilos
each sh. 7/10	per kilo sh. 3/11

No. 211 Clamp-Vices. The same as No. 210 but of best malleable iron.

weight appr. lbs.	1	1 1/2	2	3	4	5	6	7	8	10	12
each sh.	3/10	4/2	4/4	5/3	5/3	7/3	8/8	10/2	11/7	14/6	19/6



No. 215 Parallel-Vices

With steel faced jaws and
covered screw.

	Size	0	1	2	3	4	5
weight appr. lbs.		1 1/4	2 1/4	3 1/4	5	7	12
width of jaws inch		1 7/16	1 3/4	2 1/4	2 7/8	3 1/2	4
each sh.		2/2	2/9	3/11	5/2	6/11	12/4



No. 216 Hand-Vices

Black with polished jaws.

Drop forged. Best Quality.

Length inch	3	3 1/2	4	4 1/2	5	5 1/2	6	7
per doz. sh.	28/10	28/10	32/5	32/5	39/-	49/10	55/10	93/8

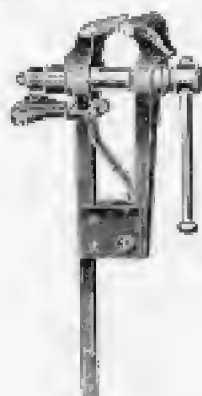
Best Quality.

Bench-Vices

Drop Forged.



No. 220
German model

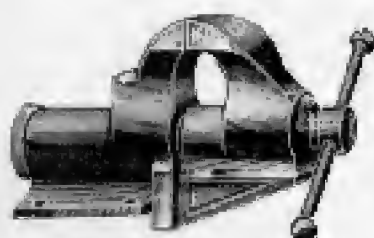


No. 223
English model



No. 221
French model

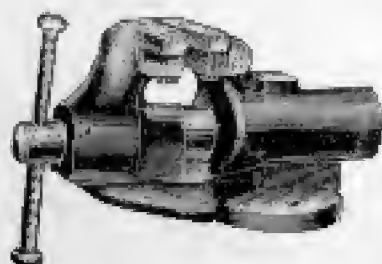
Size No.	1	2	3	4	5	6	7	8	9	10	11
width of jaws inch	3 1/2	3 1/2	4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 3/4
weight lbs.	22-26	31-35	40-44	50-55	62-66	73-77	82-86	93-97	102-106	115-120	129-134
No. 220, 223 and 224 each sh.	30/-	34/6	39/-	43/6	48/-	52/6	58/6	64/6	70/6	78/-	90/-



No. 221 Parallel-Vices. With Steel Jaws

Size No.	00	0	1	2	3	4
Width of jaws inch	1 1/4	2 1/8	3 1/8	4	4 3/4	5 1/2
Opening "	2 3/4	3 1/4	4	5	5 3/4	6
Weight lbs. appr.	8	13	31	46	75	80
each sh.	22/6	25/6	35/6	43/6	60/-	65/-
Size No.	5	6	6a	7	8	
Width of jaws inch	5 1/2	6	6 1/2	7	9	
Opening "	6 1/2	7	8	8 1/4	10 1/2	
Weight lbs. appr.	88	110	133	173	250	
each sh.	73/6	86/-	99 -	124/-	186/-	

No. 221 but **turnable** at the same prices with 10% advance.

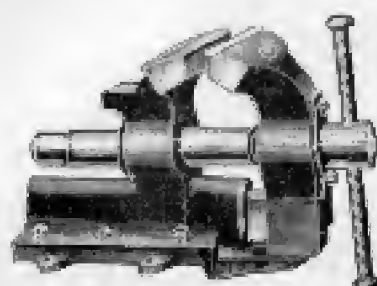


No. 222 Parallel-Vices „Oval“

With real good guide. The steel jaws are exchangeable and can be used on both sides.

Size No.	1	2	3	4	5	6	7	8	9
Width of jaws inch	2 1/8	3	3 1/2	4	4 3/4	5 1/2	6 1/4	7	8
Open. inch	2 1/2	2 3/4	3 1/2	4	4 3/4	6	6 1/2	7	8
Weight lbs. appr.	10	16	23	44	62	91	126	148	171
each sh.	26/6	31/6	36/6	44/6	61/-	77/3	99/-	123/9	165/-

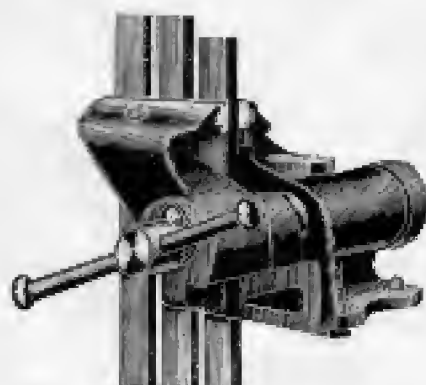
No. 222 but **turnable** at the same prices with 10% advance.



No. 218 Parallel-Vices „Matador“

All parts of this vice are made from best drop forged steel. The spindle is double threaded enabling the vice to be opened and closed at double speed.

	Size	2	3	4
Width of jaws inch		5	6	7
Opening		5 1/2	6 1/4	7
Weight lbs. appr.		44	71	91
	each sh.	72/-	90/-	120/-



No. 217 Parallel-Vices

New model. Holds material of any length.

Size	1	2	3	4	5	6
Width of jaws inch	3	4	5	6	7	8
Opening	3 1/4	4 1/8	5 1/2	6 1/4	7	8
Weight lbs. appr.	13	22	73	104	144	184
each sh.	27/-	39/-	66/-	90/-	144/-	180/-



No. 589 Pipe-Vices

Of cast iron, with best steel jaws.

Taking pipes up to inch	1	2	3	4	5	6
each sh.	13/6	18/-	25/6	42/-	75/-	135/-



No. 589 1/2 Pipe-Vices. Removable.

The side parts and jaws are of steel.

Taking pipes up to inch	1	2	3	4	6	8
each sh.	15/-	21/-	33/-	48/-	90/-	135/-



No. 586 **Blacksmiths' Anvils**
With two horns, best steel faced.
Superior Quality.

from 20 to 275 kilos per lbs. sh. 0/10
and for each anvil sh. 25/- extra



No. 587 **Blacksmiths' Anvils**
With one horn, best steel faced.
Superior Quality.

from 20 to 275 kilos per lbs. sh. 0/10
and for each anvil sh. 25/- extra



No. 230 **Tinnens' Snips**
French model.

Fine black with rivet.

No. 230 fine black No. 230 fine bright
for right hand use.

Length inch	6	7	8	9	10	11	12	13
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a) Extra Qual., high grade steeled blad. doz. sh.	37/10	37/10	44/5	49/10	55/3	61/3	66/-	72/-
b) Good Quality, not steeled	28/10	28/10	31/10	36/-	39/-	43/3	48/8	55/3

for left hand use the same prices.

No. 228 The same snips as No. 230, but fine bright over all

a) Extra Qual., high grade steeled blad. doz. sh.	44/5	44/5	49/10	55/3	61/3	66/-	72/-	78/-
b) Good Quality, not steeled	37/10	37/10	40/10	44/5	48/-	52/3	57/8	64/3

for left hand use the same prices.



No. 231 **Tinnens' Snips**
German model.

Fine black with screw.

for right hand use.

Length inch	6	7	8	9	10	11	12	14
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a) Extra Qual., high grade steeled blad. doz. sh.	48/-	48/-	51/8	57/8	64/3	70/3	76/10	96/-
b) Good Quality, not steeled	30/-	33/8	34/10	40/3	44/5	49/3	57/-	84/8

for left hand use the same prices.

Tinnens' Snips with Curved Blades (upward or sideward)
cost 50% extra.



No. 235 **Tinnens' Snips, English Model.**
with rivet. Extra Quality.
High Grade Steeled Blades.

No. 235 Extra Quality
No. 76 Good Quality

Length inch	6	7	8	9	10	11	12	13	14
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a) fine black per doz. sh.	39/-	39/-	41/5	46/10	52/3	57/-	64/5	67/10	78/-
b) fine bright " " "	45/-	45/-	46/10	52/10	58/10	63/-	68/5	75/-	84/8

No. 76 The same snips as No. 235 but
blades are not steeled.

Length inch	6	7	8	9	10	11	12	13
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a) fine black per doz. sh.	27/8	27/8	30/8	33/-	36/-	40/10	46/3	52/3
b) fine bright " " "	36/-	36/-	39/-	42/-	45/8	49/10	55/10	61/3

Nos. 235 and 76 but with curved blades (upward or sideward)
cost 50% extra.



No. 232 Tinnens' Snips to cut holes.
With screw and high grade
steeled blades. Fine black.

	Length inch	9	10	11	12
a) without punch thorn	per doz. sh.	72/-	79/10	87/8	96/-
b) with " " " " "		76/10	84/8	92/6	100/10



No. 74 Tinnens' Snips
French model with
straight handles.
Fine black with polished head.

	Length inch	8	9	10	11	12	13
a) Extra Qual. with steeled blades p. doz. sh.	54/-	58/10	64/10	72/-	77/5	82/10	
b) Good Quality, not steeled	—	—	45/-	—	—	—	



No. 73 Tinnens' Snips
to cut holes.
Straight handles with screw.
High grade steeled blades.
Fine black, polished head.

	Length inch	9	10	11	12
a) without punch thorn	per doz. sh.	75/8	84/-	92/8	100/10
b) with " " " " "		80/6	88/10	97/6	105/8



No. 238 Jewellers' Snips
Fine black with polished head.
Length 7 inch.

a) with straight blades	per doz. sh.	40/10
b) with round curved blades	" " "	61/3



No. 72 Jewellers' Snips
Fine bright with high grade steeled blades.

Length inch	6	7	8
per doz. sh.	54/-	54/-	61/3



No. 233 Universal Snips
to cut figures in thin sheets. High grade steeled
blades. Fine black with polished head.

Length inch	10	12
per doz. sh.	12/9	15/3



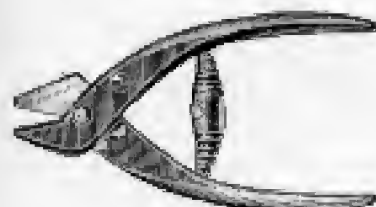
No. 71 Pipe Cutters
with spring action and clip.
Length 12 inch. each sh. 17/9



No. 75 Tinnens' Snips

Spanish model with high grade
steelled blades.

	Length inch						
	8	9	10	11	12	13	14
a) with rivet per doz. sh.	57/-	64/3	70/10	78/-	84/8	91/10	105/8
b) with screw " " "	64/10	72/1	78/8	85/10	92/6	99/8	113/6



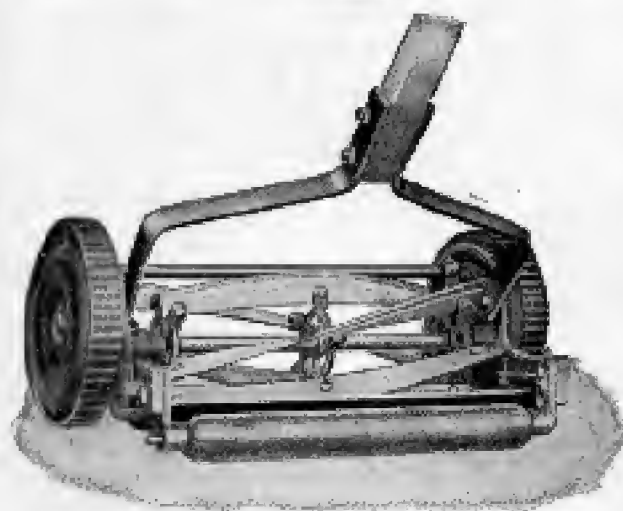
No. 226 Shears

for cutting wire or wire netting.
Black with spring. 6 inch long
per doz. sh. 60/8



No. 227 Shears

especially for cutting wire netting.
black, with screw and spring.
High grade steelled blades.
7 inch long per doz. sh. 97/-



No. 1585 Lawn Mowers „Reform“

Substantial style of
construction, dust proof
gearing, wheels with raised
rim causing an easy run.

	Length of cutters inch				
	8	10	12	14	16
a) with 4 cutters each sh.	41/6	44/-	45/6	50/-	52/-
b) with 5 cutters each sh.	42/6	45/-	46/6	51/-	53/-

No. 1586 Lawn Mowers „Reform“ with „Self-Adjusting Ball Bearings“

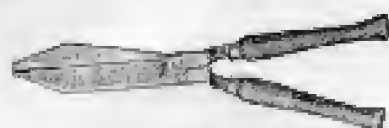
a) with 4, b) with 5 cutters
each sh. 10/6 more
than No. 1585



No. 240 Garden Shears

Heavy German Model.
Best Quality.

	Size	Small	Medium	Large
	Length of blades inch	11	12	13
No. 240 regular, without pruning notch per doz. sh.		59/6	61/6	63/6
" 240a with pruning notch " " "		61/6	63/6	67/6



No. 245 Garden Shears

English Model. Best Quality.

	Size	Small	Medium	Large
Length of blades from top to wing nut inch		8	9	10
No. 245 regular, without pruning notch per doz. sh.		55/6	57/6	59/6
245a with pruning notch		57/6	59/6	61/6



No. 239 Palm Shears

Light English Model.

Length of blades 10 inch.

- a) with rivet . . . per doz. sh. 41/6
b) with wing nut 43/6



No. 243 Pruning Shears

With drawing cutting edge.

Length over all 30 inch

each sh. 11/7



No. 244 Pruning Shears

With yellow polished handles.

Length over all inch	28	32
each sh.	10/-	11/-



No. 248 Sheep Shears

with double bow rivetted spring.



No. 249 Sheep Shears

with regular spring.

	Length over all inch	9	10	11	12	13	14
a) bright polished with black blades per doz. sh.		14/5	16/3	18/8	20/5	23/5	27/8
b) brown		16/10	18/8	21/-	23/5	27/-	31/3
c) " " bright		21/8	24/-	25/10	28/3	31/10	36/-
d) fine blue		34/10	36/8	39/-	41/5	45/-	49/3
e) fine blue polished, bright blades with front edges		39/-	40/10	42/8	45/-	48/8	52/10
f) half fine bright blades with bright spring		20/5	31/3	33/8	36/8	40/3	42/10
g) fine blue polished with bright blades, without strengthening of the back, with bevelled edge and back shearing and extra light moving spring . . . per doz. sh.		—	—	66/-	69/-	72/-	76/10



No. 247 Sheep Shears

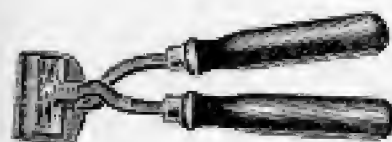
Blades are put together by two strong screw bolts. Easily separated for resharpening.

Length over all inch		9	10	11	12	13	14
a)	bright polished with black blades	per doz. sh. 19/10	21/8	23/5	25/10	29/5	34/3
b)	brown	" " " 21/8	23/5	25/3	27/8	31/3	36/-
c)	bright	" " " 25/10	28/3	30/8	33/-	36/8	40/10
d)	fine blue polished, bright blades with front edges	" " " 43/3	45/-	46/10	49/10	52/10	57/8



No. 250 Grass Shears
with raised handles.
Brown polished.

Length over all inch	9	10	11	12	13	14
per doz. sh.	22/10	25/10	27/8	29/3	33/-	37/3



No. 254 Horse Clippers
Fine bright polished, varnished handles.

a)	extra qual. Mark „Cavalier“	p. doz. sh. 93/8
b)	good quality	" " " 79/3



No. 255 Side Cutting Clippers
Fine bright polished, varnished handles.

a)	extra qual. Mark „Cavalier“	p. doz. sh. 117/-
b)	good quality	" " " 90/-

Tree Pruners



No. 69 with saw
length over all 11 inches
per doz. sh. 39/-



No. 260 1/2 with open handle
per doz. sh. 19/10

No. 260 with closed handle
per doz. sh. 32/5



No. 68
with drawing cut
per doz. sh. 19/10



No. 20
Registered model
with drawing cut.
Galvanised.
Cutting branches
up to 1 1/2 inch thick
per doz. sh. 57/8



No. 260
Registered model
with drawing cut.
Galvanised.
Cutting branches
up to 1 inch thick
per doz. sh. 49/10

Pruning Shears



No. 264 Drop forged steel.
Fine blade. Bright double
edge and wire cutter.
Superior Quality.

Length inch	6	7	8	9
per doz. sh.	27/-	29/5	32/5	36/-



No. 265 Blade with bright
steel blades. Good Quality.
With ring clip.

Length inch	7 1/2	8	8 1/2	9	10
per doz. sh.	20/5	21/8	22/10	25/10	28/3



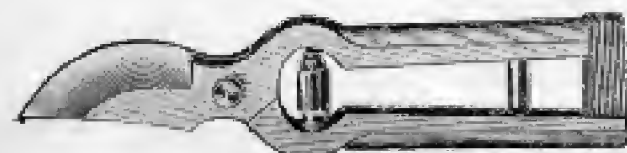
No. 267 Drop forged steel.
Fine bright polished over all
with checkered grips. With
snap clip. Best Quality.

Length inch	8 1/4	9	10
per doz. sh.	33/8	36/-	39/-



No. 267 1/4 Forged steel.
double edge. Fluted grips.
All bright polished. Warranted
Quality. With snap clip.

Length inch	8 1/4	9
per doz. sh.	37/10	40/3



No. 267 1/2 Drop forged
steel. All bright polished
with wood grips and
leather clip.
Warranted Quality.

Length inch	7 1/4	8 1/4	9	10
per doz. sh.	43/3	48/8	51/-	55/3



No. 268 All steel drop forged. Bright blades with hollow black handles and leather clip. Warranted Quality.

Length inch	8	8 $\frac{1}{4}$	9	10
per doz. sh.	36/-	39/-	41/5	45/8



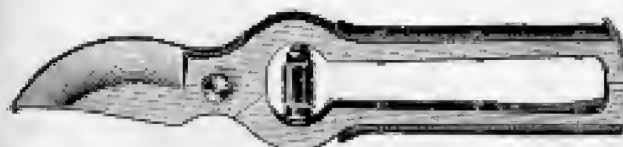
No. 269 All steel drop forged. Handles checkered grips. All bright with hook clip. Superior Quality.

Length inch	8	9	10
per doz. sh.	37/3	39/-	41/5



No. 271 All steel drop forged. Checkered horn grips. Excenter clip. Best Quality.

	Length inch	8	9	10
a) bright all over . . . per doz. sh.		54/-	57/8	60/8
b) fine nickel plated " " "		67/3	70/3	74/5



No. 272 The same shears as No. 271 but with snap clip. Warranted Quality.

	Length inch	8	9	10
a) bright all over . . . per doz. sh.		55/3	58/10	63/-
b) fine nickel plated " " "		68/5	71/5	76/10



No. 278 All steel drop forged. Rivetted knives with double long brass spring and stopping nut. With snap clip. Handles with file cut grips.

Length inch	8	8 $\frac{1}{2}$	9	10
per doz. sh.	54/-	56/5	59/5	63/-

No. 277 The same shears as No. 278 but grips are not file cut

Length inch	8	8 $\frac{1}{2}$	9	10
per doz. sh.	49/10	52/3	55/3	58/10



No. 287 All steel drop forged, Rivetted knife, double long brass spring, stopping nut and slip on clip. Warranted Quality.

Length inch	8	8 1/2	9	10
per doz. sh.	51/-	53/3	55/3	58/10



No. 279 Vine Shears

All best malleable cast, black with bright blades. Ring clip.

6 1/2 inch long per doz. sh. 10/10



No. 280 Vine Shears

Bright blades, black handles with leather clip. 7 1/2 inch long.

- a) all steel drop forged per doz. sh. 22/10
b) all best cast 12/8



No. 282 Vine Shears

Best sheet steel. Black all over with leather clip. 8 inch long per doz. sh. 21/-



No. 285 Flower Shears

All steel drop forged. Fine nickel plated with snap clip.

Length inch	4 1/2	5 1/2	6 1/2
per doz. sh.	37/10	40/3	42/8



No. 273

Fowl Carving Shears

with bone cutter. Fine nickel plated with checkered grips and ring clip.

Length over all 10 inch per doz. sh. 61/3

No. 274 The same Shears as No. 273 but with snap clip per doz. sh. 64/10

No. 275 Rolled Steel Springs for pruning shears. Fine blued.



Length inch	2	2 1/2	2 3/4	3
per doz. sh.	0/9	0/0	0/9	0/9

No. 300 Carpenter's Steel Squares

Width of blades $1\frac{1}{2}$ inch.

Length of blade inch	16	20	24	28	32	36	40
per doz. sh.	39/-	43/3	49/-	52/3	56/6	65/-	74/-

No. 301 Stonemason's Squares

Length of blade inch	20	24	28	32	36	40
per doz. sh.	37/10	44/5	51/-	58/10	66/-	75/8

No. 302 Engineer's Squares (plain)

Length of blade inch	4	5	6	8	10	12	14	16	20
per doz. sh.	13/3	15/8	17/5	19/10	22/10	26/5	29/5	32/5	37/10

No. 303 Try Squares for Engineers with Base

Length of blade inch	4	5	6	8	10	12	14	16	20
per doz. sh.	27/-	32/5	37/10	46/10	57/8	70/3	81/-	102/8	129/8

No. 321 Stonemason's Squares

English Model. All steel, fine polished.

	Size No.	1	2
Length of blades inch		24×12	24×18
Width		1½×1	2×1½
Thickness		$\frac{1}{16}$	$\frac{1}{16}$
a) without division	p. doz. sh.	37/10	48/8
b) graduated with inches on one side		64/10	75/8
c) " " " both sides		92/-	103/-



No. 322 Squares for Engineers

English Model. All steel, fine polished.

Length of blades (inside) inch	3	3 1/2	4	4 1/2	5	6	8	10
a) without measure p. doz. sh.	21/8	24/-	26/5	28/3	30/8	34/10	39/-	43/3
b) graduated with inches on one side p. doz. sh.	24/-	26/5	28/3	30/8	32/5	37/10	43/3	48/-

No. 307 Try and Mitre Squares

Heavy model with best hardened steel blades and iron dull nickel plated stock.

Length of blades (outside) inch	4	5	6	8	10	12	14	16
a) without measure p. doz. sh.	30/8	32/5	34/3	37/10	41/5	46/10	54/-	63/-
b) with one measure on one side p. doz. sh.	33/8	36/-	37/10	42/8	46/10	53/5	61/3	72/-
c) with one measure on both sides p. doz. sh.	36/-	38/8	41/5	46/10	52/3	59/5	68/5	81/-

Always indicate which measure is required.



No. 307 1/2 Try and Mitre Squares

Light model with hardened steel blades and iron bronzed stock.

Length of blades (outside) inch	5	6	8	10	12	14	16
a) without measure p. doz. sh.	19/10	21/8	23/5	25/3	27/-	30/8	34/3
b) with one measure on one side p. doz. sh.	23/5	25/3	28/3	30/8	33/8	37/10	42/8
c) with one measure on both sides p. doz. sh.	27/-	28/10	32/5	36/-	39/8	45/-	50/5

Always indicate which measure is required.



No. 319 Try Squares

Heavy model with best hardened steel blades and iron dull nickel plated stock.

Length of blades (inside) inch	4	5	6	8	10	12	14	16
a) without measure p. doz. sh.	30/8	32/5	34/3	37/10	41/5	46/10	54/-	63/-
b) with one measure on one side p. doz. sh.	33/8	36/-	37/10	42/8	46/10	53/5	61/3	72/-
c) with one measure on both sides p. doz. sh.	36/-	38/8	41/5	46/10	52/3	59/5	68/5	81/-

Always indicate which measure is required.





No. 320 Try Squares

Light model with hardened steel blades and iron bronzed stock.

Length of blades (inside) inch	5	6	8	10	12	14	16
a) without measure p. doz. sh.	19/10	21/8	23/5	25/3	27/-	30/8	34/3
b) with one measure on one side p. doz. sh.	23/5	25/3	26/3	30/8	33/8	37/10	42/8
c) with one measure on both sides p. doz. sh.	27/-	28/10	32/5	36/-	39/8	45/-	50/5

Always indicate which measure is required.



No. 308 Try and Mitre Squares

with polished beech stocks, brass plated and blue steel blades.

Length of blades (outside) inch	6	8	10	12	14	16
a) without measure p. doz. sh.	28/10	32/5	36/-	41/5	45/-	50/5
b) with one measure on one side p. doz. sh.	32/5	37/3	41/5	48/-	52/3	58/10
c) with one measure on both sides p. doz. sh.	36/-	41/5	46/10	54/-	59/5	66/8

With Spirit Level per doz. sh. 12/8 more.

Always indicate which measure is required.



No. 309 Try Squares

with polished beech stocks, brass plated and blue steel blades.

Length of blades (outside) inch	4	6	8	10	12	14	16
a) without measure p. doz. sh.	18/-	21/8	25/3	28/10	32/5	37/10	43/3
b) with one measure on one side p. doz. sh.	21/-	25/3	30/-	34/3	39/-	45/-	51/8
c) with one measure on both sides p. doz. sh.	23/5	28/10	34/3	39/8	45/-	52/3	59/5

With Spirit Level per doz. sh. 12/8 more.

Always indicate which measure is required.



No. 312 Try and Mitre Squares

High superior qual. with oiled rose wood stocks, heavy brass plated and fine blue steel blades.

Length of blades (outside) inch	6	8	10	12
a) without measure p. doz. sh.	43/3	50/5	57/8	64/10
b) with one measure on one side	46/10	55/3	63/-	71/5
c) both sides	50/6	59/6	68/6	77/6

Always indicate which measure is required.

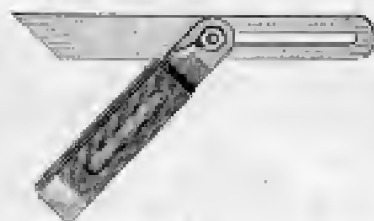


No. 313 Mitre Squares

High superior quality. With oiled rose wood stocks, heavy brass plated and brass roselles. With fine blue steel blades.

Length of blades (inside) inch	4	5	6	8	10	12	14	16
a) without measure p. doz. sh.	27/-	28/10	32/5	37/10	43/3	48/8	54/-	63/-
b) with one measure on one side p. doz. sh.	30/-	32/5	30/-	42/8	48/8	55/3	61/3	72/-
c) with one measure on both sides p. doz. sh.	32/5	36/-	39/8	46/10	54/-	61/3	68/5	81/-

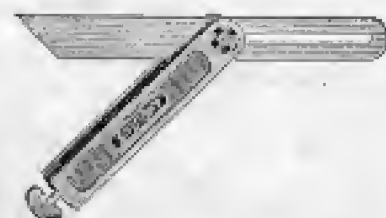
Always indicate which measure is required.



No. 311 Sliding Bevels

with polished beech wood handles, brass plated and fine blue steel blades.

Length of blades inch	6	8	10	12
per doz. sh.	43/3	48/8	54/-	59/5



No. 323 Sliding Bevels (Stanley model)

With iron dull nickel plated handle and fine blue steel blades.

Length of blade inch	6	8	10
per doz. sh.	50/6	65/-	76/-



No. 1545 Mitre Squares

with polished beech stock and fine blue steel blade.

Length of blade (outside) inch	6	8	10	12
a) brass plated p. doz. sh.	28/9	34/3	39/9	45/-
b) and brass plated	21/9	25/3	28/9	32/6



No. 1546 Mitre Squares (Stanley model)

With iron dull nickel plated stock and best steel blade.

Length of blade (outside) inch	8	10	12	14	16
per doz. sh.	43/3	46/9	54/-	63/-	72/-



Drawing Knives

English model. Best workmanship.

Length of blade inch	8	9	10	11	12
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No. 324 of ingot-steel with polished handles . . . p. doz. sh. 23/5 25/3 27/- 29/5 31/10
 . 325 with best steel steered and pol. handles . . . 28/10 30/8 32/5 37/3 41/5



Drawing Knives

with flat shoulders.

	Length of blade inch	8	9	10	11	12
No. 326 best steel with white handles p. doz. sh.		27/-	28/10	30/8	34/10	39/-
327 of Ingot-steel		16/10	18/-	19/3	21/-	23/5
328 extra heavy, width of blade 1 3/4 inch, with best cast steel steels and pol. handles		30/8	43/3	46/10	52/3	57/8



Drawing Knives

Superior Quality.

	Length of blade inch	8	9	10	11	12
No. 330a with best cast steel steels and polished handles p. doz. sh.		32/5	34/3	36/-	40/10	45/8
330b all of best cast steel, high quality, with polished handles		43/3	45/-	48/8	52/3	55/10
331a width of blade 1 inch, with best cast steel steels and polished handles		32/5	34/3	36/-	40/10	45/8
331b width of blade 1 inch, all of best cast steel with polished handles		43/3	45/-	48/8	52/3	55/10



No. 340 Cooper's Scrapers

with white handles

per doz. sh. 21/8



No. 355 Meat Choppers

Best steel with fine brown polished handles.

Length of blade inch	6	6 1/2	7
per doz. sh.	28/10	30/8	32/5



No. 356 Meat Choppers

Best steel, polished handles with 3 brass rivets.

Length of blade inch	6	6 1/2	7	8
per doz. sh.	42/8	44/5	46/10	52/3



No. 358 Hand Choppers

Best quality, German pattern with polished handle.

Length of blade inch	6	6 1/2	7
per doz. sh.	18/-	19/10	21/8



No. 361 Hand Choppers

with polished handle.

Length of blade 6 inch

per doz. sh. 14/8



No. 370 Rocking Knives

singles, with yellow polished handles rivetted.

Length of blades inch	8	9	10	11	12
per doz. sh.	21/8	24/8	26/5	28/10	31/3



No. 400 Nail Pullers or Case Openers
with leather strap.

Length of pipe inch	12	14
---------------------	----	----

a) with oval black head	p. doz. sh.	49/10	52/10
b) with square polish. head	"	53/6	56/6



No. 406 Nail Pullers or Case Openers
without leather strap.

Length of pipe inch	12	14
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a) with oval black head	p. doz. sh.	49/10	52/10
b) with square polish. head	"	53/6	56/6



No. 407 Nail Pullers or Case Openers
American pattern.

Length over all inch	20
per doz. sh.	79/3



No. 408 Nail Pullers or Case Openers
The "Matador"

Length over all inch	20
per doz. sh.	80/-



No. 401 Case Openers
Warranted Quality.

Length over all inch	11 1/2
per doz. sh.	20/8



No. 401 1/2 Case Openers
Best Quality.

Length inch.	11
per doz. sh.	16/10



No. 402 Case Openers
Bent blade with claw.

Length inch.	8	10
per doz. sh.	10/10	13/3



No. 403

Case openers

Plain chisel edge.

Length inch.	8	10
per doz. sh.	9/8	11/5



No. 405

Case Openers. „S“ shape

Length inch.	12
per doz. sh.	14/5



No. 404

Caulking Irons

Warranted Quality.

pointed 1 2 3 4 grooves

a) half bright . per doz. sh.	18/-	19/3	21/8	23/5	25/10
b) bright all over	19/3	20/5	22/3	24/8	27/-



Hatchets for household use etc.

Black japanned with bright blades and straps.

Size Nr.	5	6	7	8	9	10	11	12
Weight appr. lbs.	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4

No. 410 with polished ash handle p. doz. sh. 28/10 30/- 31/8 33/8 36/- 39/- 42/- 45/-

No. 410a with white beechwood handle

p. doz. sh. 21/- 22/3 23/5 25/3 28/3 30/8 32/5 35/5



No. 412 Hatchets for household use etc.

With beechwood handle and long socket, which prevents head to loosen.

Size No.	6	8
Weight appr. lbs.	1 1/4	1 3/4
per doz. sh.	27/8	31/3



No. 413

Hatchets. American model.

Weight lbs. 1 1/2 1 3/4 2

a) with polished ash handle . . . per doz. sh.	43/3	44/-	44/6
b) with white beechwood handle	35/3	36/-	36/6



No. 430 Claw Hatchets

American model

With **white beechwood handles.**

Size No. 1 2 3

per doz. sh. 40/6 43/3 46/-

With **polished handles**

per doz. sh. 3/- extra



No. 431 Hammer Hatchets

American model

With **white beechwood handles.**

Size No. 1 2 3

per doz. sh. 40/6 43/3 46/-

With **polished handles**

per doz. sh. 3/- extra



No. 432 Broad-Hatchets

Fine japanned and polished with **white beechwood handles.**

Size No. 1 2 3

per doz. sh. 42/- 44/6 47/3

With **polished handles**

per doz. sh. 3/- extra



No. 425 Felling Axes

American Model.

Fine black or blue painted, mirror polished blade and edge.

	Weight lbs.	2 1/4	3	3 1/2	4	4 1/4	5
No. 425a with white ash handles	per doz. sh.	63/-	69/4	75/8	81/11	88/3	94/6
No. 425b with white beechwood handles	per doz. sh.	60/-	66/-	70/3	74/3	79/-	84/6
No. 426 without handles	per doz. sh.	37/10	44/2	50/5	53/7	56/9	63/-



No. 435 Axes Tumba pattern with oval eye.

Weight lbs	2 1/4	3	3 1/2	4	4 1/4	5
per doz. sh.	42/6	44/6	48/-	52/-	57/6	63/-



No. 437 Axes Tumba pattern with round eye.

Weight lbs	2 1/4	3	3 1/2	4	4 1/4	5
per doz. sh.	45/3	47/3	50/6	54/9	60/-	65/6



No. 441 Axes Media Labor with oval eye.

Weight lbs.	2 1/2	3	3 1/2	4	4 1/2	5
per doz. sh.	42/6	44/6	48/-	52/-	57/6	63/-



No. 448 Axes Media Labor with round eye.

Weight lbs.	2 1/2	3	3 1/2	4	4 1/2	5
per doz. sh.	45/3	47/3	50/6	54/9	60/-	65/6



No. 447 Axes Brazil pattern with oval eye.

Weight lbs.	2 1/2	3	3 1/2	4	4 1/2	5
per doz. sh.	42/-	44/-	47/3	51/6	57/-	62/3



No. 449 Axes Mexico pattern.

Weight lbs.	2 1/2	3	3 1/2	4	4 1/2	5
per doz. sh.	42/6	44/6	48/-	52/-	57/6	63/-



No. 485 Sharp Adzes Oriental model, chequered head, bright polished.

Size No.	0	1	2	3
per doz. sh.	18/-	21/-	23/-	27/-



No. 494 Claw Hammers French model, with fine polished ash handle, Superior quality.

height of face inch	11/16	3/4	7/8	1	1 1/16	1 1/8	1 1/4
per doz. sh.	22/3	22/10	24/-	25/10	28/10	31/3	36/-



No. 497 **Engineers' Hammers**

German model, with fine polished ash handle. Superior quality.

Weight of hammer ozs	2 $\frac{1}{2}$	3 $\frac{1}{2}$	6 $\frac{1}{2}$	10	13 $\frac{1}{2}$	16 $\frac{1}{2}$	20	26 $\frac{1}{2}$	33 $\frac{1}{2}$
per doz. sh.	13/3	13/10	14/5	15/8	17/5	19/3	21/-	26/5	31/3



No. 498 **Joiners' Hammers**

French model with fine polished ash handle. Superior quality.

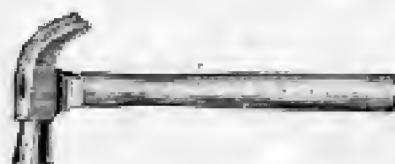
Height of face inch	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
per doz. sh.	15/8	16/3	16/10	18/-	20/5	22/3	24/-



No. 517 **Joiners' hammers**

English model with polished ash handles. Extra quality.

Size No.	0	1	2	3	4	5
Diameter of face inch	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{3}{4}$
Weight of head ozs.	7	8	10	13	18	23
per doz. sh.	19/-	19/3	20/6	22/-	23/-	29/6



No. 518 **Claw Hammers**

American model with bright head, carefully hardened face and claw and polished ash handle.

Height of face inch	$\frac{31}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{16}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$
per doz. sh.	27/-	31/-	33/9	37/10	41/10	44/7	48/6



Upholsterers' and Saddlers' Hammers

with long strap and polished ringled handle.

		Size	1 small	2 medium	3 large
No. 391	without claw	per doz. sh.	36/-	36/-	36/-
No. 395	with claw		—	40/-	—



Upholsterers' and Saddlers' Hammers

with rivetted scales.

		Size	1	2	3
			small	medium	large
No. 392	without claw	per doz. sh.	36/-	36/-	36/-
No. 394	with claw		36/-	36/-	36/-



No. 389 Watchmakers Hammers

Best steel, polished head and handles.

Length of head inch	2 1/4	3 1/4	3 3/4	4
per doz. sh.	12/8	13/3	13/10	14/5



No. 388 Jewellers' Hammers

also used by Decorators. Best steel, black with polished face and handle.

Length of head inch	3 1/2	3 3/4	4
per doz. sh.	15/8	16/10	18/-



No. 398 Child's Hammers

Polished head and handle.

per doz. sh. 5/3



No. 501 Farriers' Hammers

Best quality Military model, with claw and strapped handle.

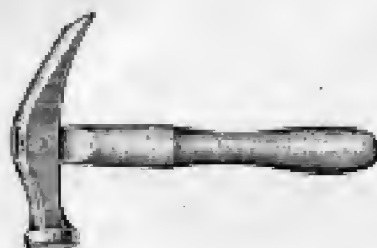
a) black . . . per doz. sh. 39/8
b) polished 43/7



No. 489 Mallets

Best selected wood.

Size No.	1	2	3	4	5	6	7	8
Diameter of wood sockets inch.	1 1/4	1 1/2	2	2 1/2	2 3/4	3 1/8	3 1/2	4
per doz. sh.	39/6	43/6	49/6	59/6	73/6	83/3	95/-	155/-
Extra sockets per doz. sh.	3/3	4/-	6/-	8/-	10/-	12/-	14/-	24/-



No. 508 Shoemaker's Hammers
German pattern. All steel drop forged, black with white handle.

	small	medium	large
per doz. sh.	24/-	27/-	29/5



No. 509 Shoemakers' Hammers
French pattern. Best steel hand forged, all fine polished with polished strapped handle. Superior quality.

	small	medium	large
Length of hammer inch.	5 1/2	6	7
per doz. sh.	30/-	36/-	42/-



No. 510 Shoemakers' Hammers
English pattern.
Black with polished faces.

	Size No	1	2	3
a) Best steel hand forged with polished handle per doz. sh.		24/9	28/3	31/6
b) Cast iron with white handle	"	15/-	18/6	22/-



No. 530 Blacksmiths' Hammers
Cross Peen.
Best steel drop forged, black with polished face.

	Weight lbs.	5 1/2 to 7	9 to 33
a) extra quality per lbs. sh.		-/11	-/10
b) 1st. " " " "		-/9	-/8



No. 531 Blacksmiths' Hammers
Straight Peen.
Best steel drop forged, black with polished face.

	Weight lbs.	5 1/2 to 7	9 to 33
a) extra quality per lbs. sh.		-/11	-/10
b) 1st. " " " "		-/9	-/8

No. 533 Blacksmiths' Hammers

Double face.
Best steel drop forged, black with polished faces.



	Weight lbs.	2 1/4	3-4 1/2	5 1/2-7	9-33
a) extra quality	per lbs. sh.	1.2	1.1	1.	.11
b) 1st quality	per lbs. sh.	—	.10	.9	.8

No. 539 Blacksmiths' Hammers

Cross Pein.
Best steel drop forged, black with polished face.



Weight lbs.	5 1/2 to 7	9 to 33
per lbs. sh.	.11 1/2	.10

No. 540 Blacksmiths' Hammers

Double Pein.
English pattern. Best steel drop forged, black with polished faces.



Weight lbs.	2 1/4-4 1/2	5 1/2-7	9-33
per lbs. sh.	.10	.9 1/2	.8 1/2

No. 570 Hammers for Stone Cutters

with oval hole and sharp edge. Best steel.



Weight lbs.	5 1/2 to 7	9-33
a) extra quality	per lbs. sh.	.11
b) 1st.		.8

No. 583 Stone Breakers

Best steel with round hole.



Weight lbs.	10	13 1/2	16 1/2	20	26 1/2	33 1/2
per doz. sh.	13/3	14/5	16/3	18/7	24/-	29/5

No. 534 Engineers' Hammers

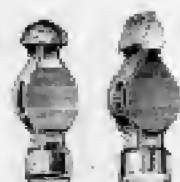
German pattern. Best steel.



Weight lbs.	1 1/2	3 1/2	6 1/2	10	13 1/2	16 1/2	20
per doz. sh.	9/-	9/8	10/3	11/5	13/3	14/5	16/3
Weight lbs.	26 1/2	33 1/2	41 1/2	50	60 1/2		
per doz. sh.	21/-	25/10	30/8	36/-	48/8		

No. 536 and No. 537 Engineers' Hammers

English model. Best steel drop forged.



Weight lbs.	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3
a) hammer heads only per doz. sh.	15/8	16/3	18/8	21/8	25/3	32/5	36/-	44/5
b) with polished handles per doz. sh.	20/6	21/-	23/6	27/-	31/-	38/6	42/-	51/-

No. 537 No. 536



No. 591 Picks

with oval hole. All steel drop forged.

Weight from $4\frac{1}{2}$ to $5\frac{1}{2}$ $5\frac{1}{2}$ to $6\frac{1}{2}$ and more lbs
per lbs. sh. -/8 -/7 -/6 $\frac{1}{2}$



No. 555



No. 556

No. 555 and 556 Cold Chisels

Best cast steel, hand forged.
Black with polished edges.

Length inch.	4	5	6	8	10	12	14	16
per doz. sh.	6/7	7/3	8/5	9/6	12/7	14/5	16/10	18/8



No. 558 Cold Chisels

with octagon shaft.

Best cast steel, hand forged, polished edges.

Length inch.	4	5	6	8	10	12	14	16
per doz. sh.	7/3	7/10	8/6	12/-	15/6	18/-	21/9	24/9



No. 557 Cold Chisels

with knurled handle.

Length inch. $6\frac{1}{2}$

per doz. sh. 10/10



No. 236 Scrapers

triangular concave or massive.
Extra quality.



No. 237

Length inch.	4	5	6	7	8	9	10	12	14	16	20
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a) without handle per doz. sh.	7/10	9/-	10/10	12/-	13/10	16/3	19/3	21/8	30/8	36/-	40/10
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b) with	10/10	12/-	14/5	15/8	17/5	20/5	23/5	25/10	36/-	42/-	49/9
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No. 545 Motor Tyre Levers

hand forged, fine japanned.

Length inch.	12	14	16	18	20	22
per doz. sh.	15/-	16/3	17/5	18/-	19/3	21/-

No. 546 Tyre Levers Japanned.



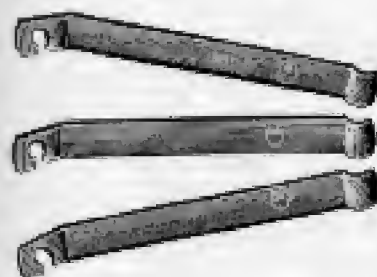
Lengths inch.	10	12	14
per doz. sh.	12/-	13/10	19/3

No. 547 Best Briget Tyre Levers



Length inch.	11	13
per doz. sh.	19/10	21/8

No. 548 Cycle Tyre Levers



Bright, in sets of 3 pieces.
4 1/4 inch. long.
per 100 sets sh. 13-6

No. 549 Motor Car Tyre Levers



Bright, in sets of 3 pieces. 6 inch long
per 100 sets sh. 27/-

No. 2310 Tyre Levers Japanned

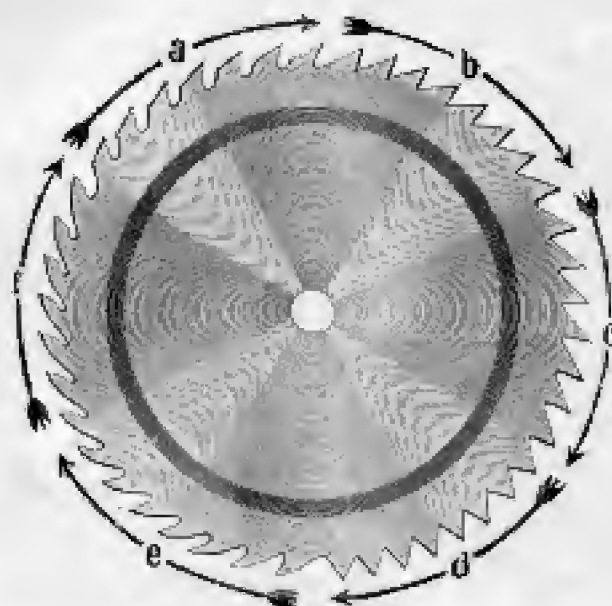


11 inch long. per doz. sh. 22/10



**No. 620 Band Saws Superior quality.
Fully warranted.**

Width inch.	1 1/16	1/4	5/16	3/8	7/16	1/2	5/8	1	1 1/4	1 3/4
Thickness . . . mm	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7
per foot sh.	-2	-2	-2 1/2	-3	-3	-3 1/2	-4	-4	-5	-6
Set and sharpened extra per foot sh.	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Brazed extra each sh.	1/3	1/3	1/3	1/3	1/3	1/6	1/6	1/6	1/6	1/9
Width inch.	1 1/8	1 3/4	2	2 1/4	2 5/8	2 3/4	3	3 1/4	3 1/2	4
Thickness . . . mm	0.8	0.8	0.8	0.9	0.9	0.9	0.10	0.10	0.11	0.12
per foot sh.	-7	-8	-10	-11	-12	-13	-14	-17	-23	-211
Set and sharpened extra per foot sh.	-1	-1	-1	-1 1/2	-1 1/2	-1 1/2	-1 1/2	-2	-2	-2
Brazed extra each sh.	1/9	1/9	1/9	2/8	2/8	3/2	3/2	3/8	4/1	4/10



No. 610 Circular Saws for Wood

Best cast Steel. Superior quality

When ordering circular saws please give following particulars:

- Shape of teeth required (it is best to send us a rubbing)
- Space or distance of teeth from point to point
- If set and sharpened

Diameter of saw	inch	4	4 ¹ / ₄	5 ¹ / ₂	6	7	8	10	12	14
Thickness	mm	0,8	0,8	0,9	0,9	1	1	1,2	1,4	1,6
Diameter of hole	inch	¹ / ₈	¹ / ₁₆	³ / ₁₆	¹ / ₂	⁵ / ₁₆	¹ / ₁₆	³ / ₄	⁵ / ₈	1
	each sh.	1/9	2/2	2/8	3/2	3/10	4/8	6/4	8/3	10/6
Set and sharpened extra each sh.		-4	-5	-5	-6	-6	-7	-10	1/2	1/6
Diameter of saw	inch	16	18	20	22	24	26	28	30	32
Thickness	mm	1,8	2	2,2	2,4	2,7	3	3,2	3,4	3,6
Diameter of hole	inch	1	1	1 ¹ / ₁₆	1 ³ / ₁₆	1 ¹ / ₂	1 ³ / ₁₆	1 ⁵ / ₈	1 ³ / ₄	1 ⁵ / ₈
	each sh.	13/8	18/1	23/6	29/5	35/9	44/2	53/7	64/	75/8
Set and sharpened extra each sh.		1/10	2/4	2/10	3/3	3/8	4/2	4/8	5/1	5/9
Diameter of saw	inch	34	36	38	40	42	44	48		
Thickness	mm	3,7	3,7	4	4	4	4,5	5		
Diameter of hole	inch	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ³ / ₁₆	1 ¹ / ₂	1 ¹ / ₂	2	2		
	each sh.	88/3	105/-	124/-	145/-	172/3	205/10	271/-		
Set and sharpened extra each sh.		7/-	8/-	9/3	10/4	11/3	12/2	13/10		



No. 628 Cross Cut Saws Best steel, carefully hardened.

	Length over all inch.	40	44	48	52	56	60	64	72	80
a) superior quality . . .	each sh.	6/6	7/8	8/9	10/-	11/2	13/-	14/5	18/5	23/10
b) first		5/1	6/-	6/9	7/9	8/9	10/-	11/3	14/4	18/6
Set and sharpened extra each sh.		-5	-6	-7	-8	-10	1/-	1/3	1/7	1/10



No. 627 Cross Cut Saws American pattern. Best steel.

	Length over all inch.	40	44	48	52	56	60	64	72	80
a) superior quality . . . each sh.		9/7	10/9	11/11	13/2	14/7	16/2	17/11	22/2	27/9
b) first " " "		8/2	9/1	9/11	11/-	12/1	13/3	14/9	18/-	22/5
Set and sharpened extra " " "		-/5	-/6	-/7	-/8	-/10	1/-	1/3	1/7	1/10



No. 629 Loose Handles for Cross Cut Saws

per pair sh. 2/9



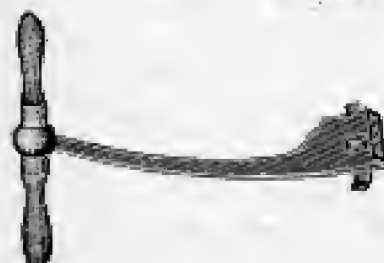
No. 630 Cross Cut Saws Best steel, carefully hardened.

	Length inch.	40	44	48	52	56	60
a) superior quality . . . each sh.		8/9	9/9	10/10	12/2	13/5	14/10
b) first " " "		6/9	7/8	8/6	9/6	10/6	11/9
set and sharpened extra " " "		-/6	-/7	-/9	-/10	-/11	1/2



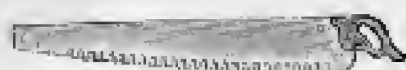
No. 632 Pit Saws Best steel, carefully hardened.

	Length inch.	64	72	80
	Width inch.	8 1/2 x 4	9 1/2 x 4	10 x 4
	Thickness mm	2.2	2.4	2.6
a) superior quality . . . each sh.		16/8	21/9	28/2
b) first " " "		13/-	17/-	22/8
set and sharpened extra " " "		1/6	1/10	2/3



No. 633 Tillers and Handles for pit saws.

per set complete sh. 4/10



No. 685 One Man Crosscut Saws
Best steel, set and sharpened.

Length of blade inch.	24	28	32	36	40	48	56
a) superior quality . . . each sh.	8/9	9/5	10/2	11/5	12/8	16/-	20/3
b) first	7/8	8/4	9/-	10/2	11/3	14/5	18/10



Handles for the second man
extra each sh 2/3



No. 635 Web Saws

Length over all with tangs inch.	24	28	32	36	40
a) extra quality per doz. sh.	15/-	18/-	20/5	25/3	27/8
b) first	10/10	13/3	15/8	18/-	19/10



No. 638 Web Saws
with screwed tangs.

Length over all with tangs inch.	24	28	32	36	40
a) superior quality per doz. sh.	20/5	22/10	25/3	30/-	32/5
b) first	15/8	18/-	19/10	22/10	25/3



No. 625 Web Saws
American pattern.

Length of blades inch	20	22	24	26	28	30	32	36	40
a) width inch. $\frac{5}{16}$ per doz sh.	7/3	7/10	7/10	8/5	9/-	9/-	9/8	10/3	11/5
b) " " $\frac{1}{4}$ " " "	7/10	8/5	9/-	9/-	9/8	9/8	10/3	11/5	12/-
c) " " $1\frac{1}{16}$ " " "	9/8	9/8	10/3	10/10	10/10	11/5	12/8	13/3	15/-
d) " " $1\frac{1}{8}$ " " "	10/10	10/10	11/5	12/-	12/8	13/3	14/5	15/8	18/-
e) " " $1\frac{1}{2}$ " " "	11/5	12/-	12/8	13/3	14/5	15/-	15/8	18/-	20/5
f) " " $1\frac{3}{4}$ " " "	11/10	12/8	14/-	15/2	15/10	16/7	18/-	19/10	22/4
g) " " 2 " " "	13/3	13/10	15/8	16/10	18/-	18/8	20/5	22/3	25/3
h) " " $2\frac{1}{8}$ " " "	15/8	17/5	18/8	19/10	21/8	23/5	25/2	27/8	31/3



No. 640 Turning Saws

Length from hole to hole inch	24	28	32	36	40
Width $\frac{1}{4}$ or $\frac{3}{8}$ inch per doz. sh.	6/8	7/3	7/10	8/5	9/-
" $\frac{1}{2}$ " " " "	8/5	9/-	9/8	10/10	12/-



No. 658 Screwed Tangs

Width inch.	$\frac{5}{16}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
per doz. pairs sh.			3/-		



No. 710 Cabinet Scrapers

6x2 inch.
per doz. sh. 6/8



No. 694 Hand Saws

Dislon model.

With screw back, handles with fine polished edges and brass screws. Set and sharpened.

Length of blade inch 16 18 20 22 24 26 28 30 32

a) high superior quality per doz. sh.	54/-	60/-	66/-	72/-	81/-	90/-	99/-	108/-	117/-
b) extra quality	34/10	37/3	41/5	49/3	53/5	57/8	62/5	67/3	73/10

Handles full polished per doz. sh. 5/- extra



No. 690 Hand Saws

Regular model.

Handles with polished edges and brass rivets. Set and sharpened. From 8 to 16 inch with open handles

Length of blade inch 8 10 12 14 16 18 20 24 28 32

a) high super. qual. p. doz. sh.	25/10	28/10	31/10	36/8	41/5	49/10	55/10	72/8	91/3	111/-
b) first quality	27/3	24/-	26/5	29/5	32/5	39/8	43/10	57/8	73/10	91/3
c) good	13/3	15/-	17/5	20/5	23/5	27/8	30/8	37/10	49/3	66/8

Hand Saws from 8 to 16 inch with closed handles per doz. sh. 3/8 extra



No. 692 Back Saws

Regular model.

Handles with polished edges and brass rivets. Set and sharpened. From 8 to 16 inch w. open handles

Length of blade inch 8 10 12 14 16 18 20

a) high superior quality per doz. sh.	34/3	38/6	41/6	52/3	66/9	75/9	85/3
b) first quality	29/5	33/-	37/10	43/3	58/10	66/8	75/8
c) good	23/5	27/-	30/8	36/-	43/3	-	-

Back Saws No. 692 a & b from 8 to 14 inch with closed handles sh. 6/- extra p. dz.

" " " 692 c " 8 - 14 " " " " 3/8 " " "



No. 698 Turkish Handsaws

With oiled handles and brass rivets.

Length of blade inch 10 12 14 16 18

per doz. sh. 10/3 10/10 12/- 12/8 13/10

Handles with polished edges per doz. sh. 1/10 extra



No. 699 Turkish Compass Saws

With oiled handles and brass rivets.

Length of blade inch 10 12 14

per doz. sh. 7/3 7/3 7/10

Handles with polished edges per doz. sh. 1/10 extra



No. 702 Compass Saws

Double teeth.

Length of blades 8, 10 and 12 inch

a) fine blued blade, sharpened teeth,
beech handle with polished edges
per doz. sh. 18/-

b) bright blade with oiled beech handle
per doz. sh. 12/9



No. 703 Compass Saws

with round polished handle and double
teeth. 10 and 12 inch long per doz. sh. 9/8



No. 716 Compass Saws

American model.

With thin narrow blades, 12 inch long, set
and sharpened, handles polished on edges
per doz. sh. 16/3



No. 701 Compass Saws

with iron japanned handle. Blade 7 inch
long, can also be used as screw driver
per doz. sh. 11/-



No. 714 Nest of Saws

Best quality. Handles polished on edges.

a) with 3 compass blades of 8, 10 and 12 inch
and 1 pruning blade of 16 inch
per doz. sets complete sh. 40/-

b) without pruning saw p. doz. sets sh. 23/-



No. 715 Nest of Saws

Best quality with oiled wood handle and
3 blades of 8, 10 and 12 inch
per doz. sets sh. 23/6



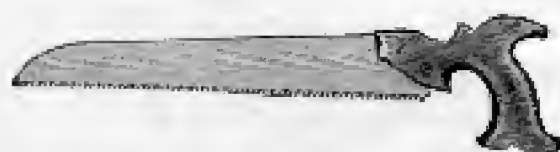
No. 705 Pruning Saws

American model.

Oiled beech handle.

Length of blade 12 inch

per doz. sh. 36/-

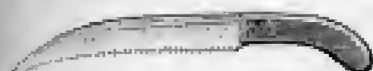


No. 705 1/2 Pruning Saws

with open handle and pol. edges

Length of blades inch

	12	14	16
per doz. sh.	21/-	22/6	24/-



No. 709 **Pruning Saws**
with oiled beech handle.
Length of blade 12 inch
per doz. sh. 10/10



No. 695 **Cabinet Makers' Saws**
With straight blade and polished handle.

Length of blade inch	8	9	10	11	12
a) bright steel back per doz. sh.	16/10	18/-	18/8	20/5	21/8
b) brass back	25/3	27/-	28/10	31/3	34/3



No. 696 **Cabinet Makers' Saws**
With raised polished handle.

Length of blade inch	8	9	10	11	12
a) bright steel back per doz. sh.	22/3	24/-	25/10	28/10	31/3
b) brass back	29/5	31/3	33/-	36/-	38/5



No. 676 **Websaws in Frames**

Length of blade from hole to hole inch	24	28	32	36	40
a) with extra quality blade per doz. sh.	60/-	60/-	61/-	64/-	68/-
b) with first quality blade per doz. sh.	49/-	49/6	51/-	53/6	57/6



No. 720 **Hack Saw Frames**
Heavy pattern with cross-cut-jaws.
Bright polished with black wood handle.
Without blades.

for blades of inch	10	11	12	13	14
Without blades p. doz. sh.	45/-	45/-	45/-	48/-	50/5



No. 723 **Hack Saw Frames**
Adjustable. Strong model
with cross-cut-jaws. Bright
polished and black wood handle.

For blades from	8 to 14 inch
Without blades per doz. sh.	54/-



No. 721 **Hack Saw Frames**
Adjustable. Polished nickel
plated, black wood handle.

For blades from	8 to 12 inch
Without blades per doz. sh.	19/10

No. 721 and No. 722

No. 722 **Hack Saw Frames**
Adjustable. Light pattern,
dull nickel plated, black wood
handle.

For blades from	8 to 12 inch
Without blades per doz. sh.	10/10



Hack Saw blades
(With 22 teeth to the inch.)

Width of blade 1 inch, thickness $\frac{1}{32}$ inch with waved hardened teeth.
Not hardened at centre.

Length of blades from end of hole to end of hole		inch	10	11	12	13	14
No. 649	High Superior Quality with our double „Clyburn“ Mark	per doz sh.	4/3	4/6	4/10	5/3	5/8
No. 651a	Superior Quality with one „Clyburn“ Mark	per doz sh.	2/11	3/2	3/5	3/8	3/11
No. 651b	Good Quality with Mark „M. & S.“	per doz sh.	2/3	2/4	2/7	2/9	2/11



Hack Saw blades
(With 22 teeth to the inch.)

Length of blades from end of hole to end of hole		inch	10	11	12	13	14
No. 654	High Superior Quality with our double „Clyburn“ Mark	per doz. sh.	2/5	2/6	2/9	2/11	3/3
No. 652a	Superior Quality with one „Clyburn“ Mark	per doz. sh.	1/9	1/10	1/11	2/2	2/3
No. 652b	Good Quality with Mark „M. & S.“	per doz. sh.	1/3	1/5	1/6	1/8	1/9



No. 748 Butcher Saws
French model. Bright polished frame with blade of best cast steel.

Length of blade inch	16	18	20	22	24
per doz. sh.	63/-	63/-	63/-	67/3	72/-



No. 749 Butcher Saws
German model. Bright polished frame with blade of best cast steel.

Length of blade inch	16	18	20	22	24
per doz sh.	63/-	63/-	63/-	67/3	72/-



No. 750 Butcher Saws
American model. Bright polished frame with blade of best cast steel.

Length of blade inch	16	18	20	22	24
per doz. sh.	70/3	70/3	70/3	74/5	79/3



No. 751 Blades for Butcher Saws
Best cast steel. Set and sharpened.

Length inch		16	18	20	22	24
a) width $1\frac{13}{32}$ inch	per doz. sh.	12/8	13/40	14/5	16/3	17/5
b) „ $\frac{3}{4}$ „	„ „ „	9/8	10/3	11/5	12/8	13/10

Pruning Saws. Length of blades 12 inch



No. 730 Cheap Quality. Black frame, white handle, per doz. sh. 9/-



No. 731 Bright frame, polished handle, one screw, per doz. sh. 18/-



No. 735 Black frame, sheet iron socket, without screw, per doz. sh. 16/3



No. 739 Model "Dittmar". With bright frame, one screw and white wood grips, per doz. sh. 25/3

No. 742 Blades for Pruning Saws

Length 12 inch

per doz. sh. 3/6



No. 760 Putty Knives. Warranted quality. Round white beech handle.

width of blade inch	$\frac{3}{4}$	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{2}{3}$	$2\frac{3}{4}$	$3\frac{1}{8}$	$3\frac{1}{2}$	4
per doz. sh.	6/10	6/10	7/3	7/8	8/2	8/7	9/3	9/11	10/10



No. 761 Putty Knives. Warranted quality. Oval white beech handle.

width of blade inch	$\frac{3}{4}$	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{2}{3}$	$2\frac{3}{4}$	$3\frac{1}{8}$	$3\frac{1}{2}$	4
per doz sh.	8/2	8/2	8/7	9/-	9/8	10/3	10/10	11/5	12/-

With yellow polished handle per doz. sh. 1/3 extra



No. 761 $\frac{1}{2}$ Putty Knives. Superior quality English model. Flexible blades with bolster and fine polished handles.

width of blade inch	$\frac{3}{4}$	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{2}{3}$	$2\frac{3}{4}$	$3\frac{1}{8}$	$3\frac{1}{2}$	4
per doz. sh.	24/-	24/-	26/5	28/10	31/3	33/8	36/-	40/10	45/8



No. 759 Putty Knives. English model.
Warranted quality. Round oval
brown handle. Width of blade
 $2\frac{3}{4}$ inch. per doz. sh. 9/6



No. 762 Putty Knives
Warranted quality. Round white
beech handle.

Length of blade inch	4	$4\frac{3}{4}$
per doz. sh.	8/9	9/3



No. 762 $\frac{1}{2}$ Putty Knives
Superior quality. English model.
Flexible blade with holster and
fine polished handle.

Length of blade inch	4	$4\frac{3}{4}$
per doz. sh.	21/9	24/-



No. 757 Putty Knives. English model.
Warranted quality. With round-
oval brown handle.

Length of blade	$4\frac{3}{4}$ inch
per doz. sh.	10/6



No. 758 Putty Knives. English model.
Flexible blade with holster and
fine polished handle.

Length of blade inch	4	$4\frac{3}{4}$
per doz. sh.	21/9	24/-



No. 765 Hacking or Chipping Knives
White handle. Length of blade
4 inch. per doz. sh. 14/6

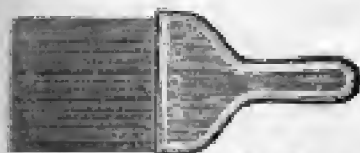


No. 766 Hacking or Chipping Knives
Leather strapped handle. Length
of blade 4 inch. per doz. sh. 19/3



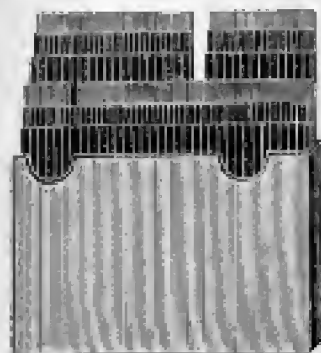
No. 756 Palette and Stripping
Knives. English model.
Flexible blades with holster and
fine polished handle.

Length of blade inch	5	7	8	9	10	11	12
per doz. sh.	33/9	39/2	41/11	46/-	50/-	56/9	64/10



No. 770 Square Putty Knives
With oiled beech handle and
3 brass rivets.

Width of blade inch	3 1/4	4	5	5 1/2	6 1/4	7	8
per doz. sh.	18/11	22/6	26/7	29/3	33/9	36/11	38/3



No. 773 Steel Graining Combs
In sets of 12 pieces.
Width 1, 2 3/4, 4 inch.

a) in neat tin box	per set sh. 4 10
b) packed in paper	4 3



No. 786 Plasterer's or Moulding
Tools. Round shaft.

Width of blade inch	1 1/4 - 1 3/4	7/8	1	1 1/8
per doz. sh.	10/3	10/10	13/3	14/6



No. 796 Trowels.
Wathy model, polished beech
handle, through tang rivetted.
„Meister Quality“

Length of blade inch	5-6	7	8	9	10	11	12
a) pointed nose } per doz. sh.	21/3	29/3	31/-	33/6	35/9	38/3	40/9
b) round nose }							

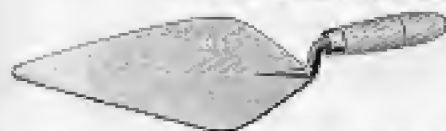
With white ash handles the same prices.



No. 796 1/2 Trowels
Brades model, polished beech
handle, through tang rivetted.
„Meister Quality“

Length of blade inch	5-6	7	8	9	10	11	12
a) pointed nose } per doz. sh.	21/3	29/3	31/-	33/6	35/9	38/3	40/9
b) square " }							
c) round " }							

With white ash handles the same prices.



No. 798 Trowels, English model.
With round shoulders, white
beech handles, through tang
rivetted.

Length of blade inch	8	9	10	11	12
per doz. sh.	23/-	24/6	26/-	27/6	31/6



No. 789 Pointing Trowels

English model. With round shoulders, polished beech handle, not rivetted.

Length of blade inch	5 to 7
per doz. sh.	10/6



No. 798 1/2 Trowels. English model.
With square shoulders, white beech handles, through tang rivetted.

Length of blade inch	8	9	10	11	12
per doz. sh.	23/-	24/6	26/-	27/6	31/6



No. 785 Brick Trowels. English model.
Fine brown polished, white beech handle with one ferrule, through tang rivetted. „Meister Quality“

Length of blade inch	7	8	9	10	11	12
per doz. sh.	37/10	39/-	43/3	45/8	49/10	54/-



No. 799 Trowels. Grecian model.
„Meister Quality“. Fine polished blade with polished handle, through tang rivetted.

Length of blade inch	6	7	8	8 1/2	9 1/2	10
per doz. sh.	36/8	37/10	40/3	43/3	46/10	52/3



No. 799 1/2 Trowels. Egyptian model.
Fine polished blade, white handle, through tang rivetted.
„Meister Quality“

	Length of blade inch	7	7 1/2	8	8 1/2	9
a) with one ferrule	per doz. sh.	31/3	34/10	32/5	34/3	35/5
b) with two ferrules		33/8	34/3	34/10	36/5	37/10
c) ordinary quality with two ferrules		—	—	19/6		



No. 788 Trowels. Mexican Watby Model.
Polished beech handle, through tang rivetted. „Meister Quality“

	Length of blade inch	6	7	8	9	10	11	12
a) with round nose }	per doz. sh.	23/-	30/9	32/6	35/6	38/6	41/6	44/6
b) - square								



No. 816 Pointing Trowels
Fine polished blade, polished handle with long iron ferrule through tang rivetted.

Length	5 to 6 inch
per doz. sh.	19/10



No. 808 Joint Tool. German pattern.
White handle, not rivetted.

Width of blade inch	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
per doz. sh.	10.10				12.8



No. 787 and No. 787 $\frac{1}{2}$

No. 787 Plastering Trowels.
Superior Quality.

Polished handle, thin flexible
hardened blade, thickness $\frac{1}{16}$
inch, width $5\frac{1}{4}$ inch, with 4 rivets.

	Length of blade inch	10	11	12
a) with round nose	per doz. sh.	58/-		
b) " square	" " " "	58/-		

No. 787 $\frac{1}{2}$ Plastering Trowels. First quality

Polished handle, thickness of blade $\frac{3}{16}$ inch width appr. $4\frac{3}{4}$ inch.
with 4 rivets.

	Length of blade inch	10	11	12
a) with round nose	per doz. sh.	49/-		
b) " square	" " " "	49/-		



No. 807a



No. 807b

No. 807 Plastering Trowels. Belgian model.

Polished handle. Polished hardened blade. With 3 rivets.

	Length of blade inch	10	11	12
a) with round nose	per doz. sh.	45/-		
b) " square	" " " "	45/-		



No. 820 Firmer and Joiners' Chisels
Short length. Straight edges, hand forged.

a) Superior quality. Best cast steel steeld.
With our „Clyburn“ mark.

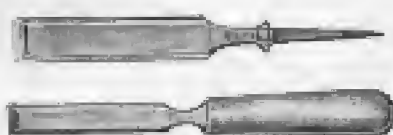
b) First quality. All steel. Mark „M. & S.“

Width inch	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{4}$	$\frac{1}{2}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
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a) superior quality
p. doz. sh. 10.10 10.10 10.10 11.5 11.5 12.8 13.10 13.10 16.3 19.3 22.3 25.3 28.3 36/- 45/8

b) first quality
p. doz. sh. 9/- 9/- 9/- 9.9 9.8 10.10 12.8 12.8 15/- 17.5 20.5 22.10 25.3 32.5 37/3

Extras Sharpened per doz. sh. 1/3 extra
With white oval handles without ferrules (see No. 821) p. doz. sh. 5/5 extra
with 2 (see No. 825a) 7.10



No. 821 Firmer and Joiners' Chisels

Short length. Bevelled edges, hand forged.

- a) Superior quality. Best cast steel steeled.
With our „Clyburn“ mark.
b) First quality. All steel. Mark „M. & S.“

No. 821 with white oval handles without ferrule

Width inch	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2
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a) superior quality
p. doz. sh. 12/8 12/8 12/8 13/10 13/10 15/- 16/10 16/10 19/3 21/8 24/8 27/8 31/3 38/5 48/-

b) first quality
p. doz. sh. 11/5 11/5 11/5 12/8 12/8 13/10 15/- 15/- 17/5 20/5 22/10 25/3 28/3 35/5 39/6

Extras Sharpened per doz. sh. 1/3 extra
With white oval handles without ferrules (see No. 821) p. doz. sh. 5/5 extra
with 2 (see No. 825a) 7/10



No. 825 Carpenters' Chisels

Extra strong.

- A) Fine white oval handle with two ferrules.
B) Fine white round handle with one strong ferrule and leather shape.



Width inch	1/4-1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	2
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A and B p. doz. sh. 30/8 32/5 35/5 35/5 39/8 43/10 48/8 54/- 61/3 68/5 79/3

Sharpened per doz. sh. 1/3 extra.



No. 831 Gouges. Hand forged.

- a) Superior quality. Best cast steel steeled.
With our „Clyburn“ mark.
b) First quality. All steel. Mark „M. & S.“

Width inch	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2
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a) superior quality
p. doz. sh. 15/- 15/- 15/- 16/3 16/3 17/5 19/3 19/3 21/8 25/10 30/- 34/3 39/8

b) first quality
p. doz. sh. 13/3 13/3 13/3 14/5 14/5 16/3 17/5 17/5 19/3 22/10 26/5 30/8 37/3

Sharpened per doz. sh. 1/3 extra



No. 829 Mortise Chisels. Extra strong.

- a) Superior quality. Best cast steel steeled.
With our „Clyburn“ mark.
b) First quality. All steel. Mark „M. & S.“

Width inch	5/8	3/4	1 1/8	1 1/4	1 3/8	1 1/2	1 3/4	1 7/8	2	2 1/8	2 1/4	2 3/8	2 1/2	2 7/8	3
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a) superior quality
p. doz. sh. 14/5 14/5 14/5 16/3 18/- 20/5 23/5 23/5 27/- 30/8 34/10 41/5 54/-

b) first quality
p. doz. sh. 12/8 12/8 12/8 14/5 16/10 19/3 21/8 21/8 25/3 28/10 32/5 37/10 49/10

Sharpened per doz. sh. 1/3 extra



No. 831 Socket Chisels. Warranted quality, best Cast steel with varnished socket and polished blade

Width inch	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
per doz. sh.	27/8	29/5	32/5	35/8	39/-	44/5	51/-
With polished ash handles with 1 ferrule per doz. sh.							7/3 extra
Sharpened							1/3 extra



No. 832 Socket Mortise Chisels. Fully warranted, best cast steel with varnished socket and polished blade

Width inch	$\frac{1}{2}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$	
per doz. sh.	33/-	33/-	33/-	34/3	36/-	38/5	42/-	42/-	46/8	52/10	57/8
With polished ash handles per doz. sh.										7/3 extra	
Sharpened										1/3 extra	



No. 833 Socket Gouges. Fully warranted. Best cast steel with varnished socket and polished blade

Width inch	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
per doz. sh.	34/3	36/-	39/-	42/8	49/-	53/5	59/5
With polished ash handles per doz. sh.							7/3 extra
Sharpened							1/3 extra



No. 860 Single Plane Irons. Smooth plane. Every plane iron fully warranted.

- a) hand forged, steeled with best cast steel
b) rolled, steeled with best cast steel

Width inch	$1\frac{5}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	$1\frac{1}{4}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{1}{2}$
a) superior quality per doz. sh.	14/5	15/-	15/8	16/10	18/-	19/3	21/-	24/-	27/-	30/-
b) first quality per doz. sh.	12/8	13/10	14/5	15/8	16/3	17/5	19/10	22/3	24/8	27/-
Sharpened per doz. sh. 1/3 extra										



No. 861 Single Plane Irons. Round nose. Every plane iron fully warranted.

- a) hand forged, steeled with best cast steel
b) rolled, steeled with best cast steel

Width inch	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
a) superior quality per doz. sh.	12/-	12/8	13/10	14/5	16/3
b) first " " "	10/10	11/5	12/-	12/8	13/10
Sharpened per doz. sh. 1/3 extra					



No. 862 Single Plane Irons

cut plane iron, regular cut.

Every plane iron fully warranted.

- a) hand forged, steeled with best cast steel
b) rolled, steeled with best cast steel

	Width inch	1 ³ / ₈	1 ¹ / ₂	1 ⁵ / ₈	1 ³ / ₄	1 ⁷ / ₈	2	2 ¹ / ₈	2 ¹ / ₄	2 ³ / ₈	2 ¹ / ₂
a) superior quality	per doz. sh.	15/-	15/8	16/3	17/5	18/8	19/10	21/8	21/8	27/8	30/6
b) first		13/10	14/5	15/-	16/3	16/10	18/-	20/5	22/10	25/3	27/8
	sharpened per doz. sh.	1/3 extra									



No. 865 Double Plane Irons

Regular flush Square Nut.

Every plane iron fully warranted.

- a) hand forged, steeled with best cast steel
b) rolled, steeled with best cast steel

	Width inch	1 ³ / ₈	1 ¹ / ₂	1 ⁵ / ₈	1 ³ / ₄	1 ⁷ / ₈	2	2 ¹ / ₈	2 ¹ / ₄	2 ³ / ₈	2 ¹ / ₂
a) superior quality	per doz. sh.	25/5	27/-	27/8	28/10	30/8	32/5	35/5	39/-	43/3	48/-
b) first		24/-	24/8	25/3	26/5	27/8	29/5	32/5	36/-	40/3	44/5
	sharpened per doz. sh.	1/6 extra									



No. 868 Double Plane Irons

Raised iron square nut.

Every plane iron fully warranted.

- a) hand forged, steeled with best cast steel
b) rolled, steeled with best cast steel

	Width inch	1 ³ / ₈	1 ¹ / ₂	1 ⁵ / ₈	1 ³ / ₄	1 ⁷ / ₈	2	2 ¹ / ₈	2 ¹ / ₄	2 ³ / ₈	2 ¹ / ₂
a) superior quality	per doz. sh.	27/8	29/3	28/10	30/8	31/10	33/8	36/8	40/10	45/-	49/3
b) first		25/3	25/10	26/5	27/8	28/10	30/8	33/8	37/3	41/5	45/8
	Sharpened per doz. sh.	1/6 extra									
	Round Brass nuts						1/-				
	Square						3/9				

a c d f g



No. 871 Moulding Plough and Beading Irons

All cast steel. Fully warranted.

	Width inch	1 ¹ / ₂ to 7 ¹ / ₈	1	1 ¹ / ₈	1 ¹ / ₄	1 ³ / ₈	1 ¹ / ₂
a and c	per doz. sh.	10/10	12/-	12/8	13/5	15/-	16/3
d, f and g		13/3	14/5	16/3	16/10	18/-	19/10

Irons in any other shape at best prices.



No. 873 Plough and Matching Irons

All cast steel. Best warranted.

Width inch	3 ¹ / ₂ to 5 ¹ / ₈	1	1 ¹ / ₈	1 ¹ / ₄	1 ³ / ₈	1 ¹ / ₂
doz. pairs sh.	30/8	30/8	32/5	32/5	36/-	36/-

No. 874¹/₂ Matching Irons

Black with hook. All cast steel. Best warranted.

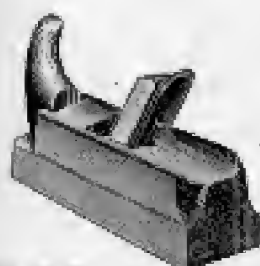
Width inch	1 ¹ / ₈ to 1 ¹ / ₂
per doz. sh.	13/6





No. 875 Wooden Bench Planes
French model. Best oiled.

	Width of iron inch	1 ³ / ₈	1 ¹ / ₂	1 ⁵ / ₈	1 ³ / ₄	1 ⁷ / ₈	2	2 ¹ / ₈	2 ¹ / ₄
a) Red beech with single iron No. 860a p. doz. sh.		48/8	49/3	49/10	51/-	54/-	55/3	61/10	64/10
b) Red beech with double iron No. 865a " " "		60/8	61/3	61/10	63/-	66/8	68/5	76/3	79/10



No. 876 Wooden Bench Planes
German model. White beech.

No. 876 and 877

	Width of iron inch	1 ³ / ₈	1 ¹ / ₂	1 ⁵ / ₈	1 ³ / ₄	1 ⁷ / ₈	2	2 ¹ / ₈	2 ¹ / ₄
a) White beech with single iron No. 860a p. doz. sh.		70/10	71/5	72/-	73/2	81/8	82/10	91/10	94/10
b) White beech with double iron No. 865a " " "		82/10	83/5	84/-	85/3	94/3	96/-	106/3	110/-

No. 877 Wooden Bench Planes
German model. Red beech. Best oiled.

	Width of iron inch	1 ³ / ₈	1 ¹ / ₂	1 ⁵ / ₈	1 ³ / ₄	1 ⁷ / ₈	2	2 ¹ / ₈	2 ¹ / ₄
a) Red beech with single iron No. 860a p. doz. sh.		52/10	53/5	54/-	55/8	61/3	62/5	69/-	72/-
b) Red beech with double iron No. 865a " " "		64/10	65/5	66/-	67/3	73/10	75/8	83/5	87/-



No. 859 Wooden Bench Planes
English model. Red beech. Best oiled.

	Width of iron inch	1 ³ / ₈	1 ¹ / ₂	1 ⁵ / ₈	1 ³ / ₄	1 ⁷ / ₈	2	2 ¹ / ₈	2 ¹ / ₄
a) Red beech with single iron No. 860a p. doz. sh.		50/5	51/-	51/8	52/10	56/5	57/8	61/3	67/8
b) Red beech with double iron No. 865a p. doz. sh.		62/5	63/-	63/8	64/10	69/-	70/10	79/8	82/3



With double iron No. 865n.

No. 858 Tryng Planes. Red beech.
Best oiled. Length of plane 24 inch.

Width of iron inch	2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{1}{2}$
per doz. sh.	122/5	125/5	135	139/3	151/3



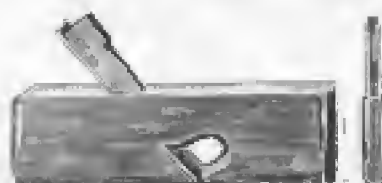
No. 857 Jack Planes. Red beech.
Best oiled. Length of plane 16 to 18 inch.

Width of iron inch	$1\frac{5}{8}$	$1\frac{7}{8}$	2	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{1}{2}$
With double iron No. 865a p. doz. sh.	105/8	107/5	109/3	112/3	117/-	121/3	129/-



No. 856 Rabbet Planes. Red beech.
Best oiled. With square iron.

Width of iron inch	$\frac{1}{2}$ to $\frac{7}{8}$	1 to $1\frac{1}{4}$	$1\frac{3}{8}$ to $1\frac{1}{2}$
per doz. sh.	37/3	41/5	45/8



No. 855 Rabbet Planes. Red beech.
Best oiled. With round iron.

Width of iron inch	$\frac{1}{2}$ to $\frac{7}{8}$	1 to $1\frac{1}{4}$	$1\frac{3}{8}$ to $1\frac{1}{2}$
per doz. sh.	42/-	45/8	49/3



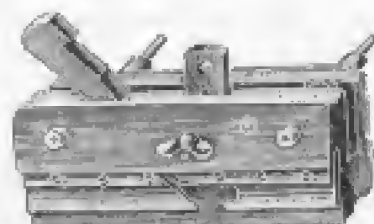
No. 854 Rabbet Planes. Red beech.
Best oiled. With hollow iron.

Width of iron inch	$\frac{1}{2}$ to $\frac{7}{8}$	1 to $1\frac{1}{4}$	$1\frac{3}{8}$ to $1\frac{1}{2}$
per doz. sh.	42/-	45/8	49/3



No. 853 Matching and Grooving Planes
With irons. Red beech. Best oiled.

Width of iron inch	$\frac{1}{2}$ to 1	$1\frac{1}{8}$ to $1\frac{1}{4}$	$1\frac{3}{8}$ to $1\frac{1}{2}$
per pair sh.	9/-	10/2	13/-



No. 852 Plough Planes. Red beech.
Best oiled. Without irons . . . each sh. 18/8

One set of 6 Plough Irons No. 874 $\frac{3}{8}$ assorted
from $\frac{1}{8}$ to $\frac{1}{2}$ inch sh. 6/9 extra



No. 848 Moulding Planes. Red beech.
Best oiled. With iron.

Width of iron inch $\frac{1}{2}$ to 2 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$
per doz. sh. 43/8 50/5 50/5 55/10 55/10



No. 849 Moulding Planes. Red beech.
Best oiled. With iron.

Width of iron inch $\frac{1}{4}$ to 1 $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{3}{8}$ $1\frac{1}{2}$
per doz. sh. 43/8 50/5 55/10



No. 20 Spokeshaves with curved handle
Total length 10 inch. Width of iron
2 inch. per doz. sh. 23/5
Extra irons per doz. sh. 6/-



No. 19 Spokeshaves with straight handles
Total length 10 inch. Width of iron 2 inch.
per doz. sh. 23/5
Extra irons per doz. sh. 6/-



No. 18 Spokeshaves with curved handle
and hollow iron. Total length 9 1/2 inch.
Width of iron 2 inch. per doz. sh. 20/5
Extra irons per doz. sh. 6/-



No. 17 Spokeshaves with two irons.
Width of hollow iron $1\frac{1}{4}$ inch.
" straight " $1\frac{3}{8}$ "
per doz. sh. 25/6
Extra irons straight or hollow per doz. sh. 6/-



No. 7 Compass Planes. Adjustable.
Length 10 inch. Width of iron $1\frac{3}{4}$ inch.
each sh. 21/8
Extra irons single each sh. 2/4
" " double " " 3/8



No. 8 Compass Planes. Adjustable.
Length 10 inch. Width of iron $1\frac{3}{4}$ inch.
each sh. 21/-
Extra irons single each sh. 2/4
" " double " " 3/8



No. 9 and No. 10

- No. 9 Double planes**
All steel. No cast. Best quality.
 Length 10 inch. Width of iron 2 inch.
 each sh. 16/4
 Extra Irons double each sh. 3/5

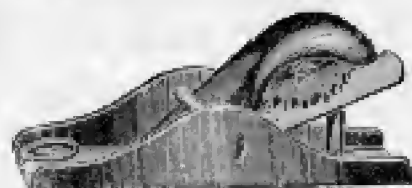
- No. 10 Double Planes**
All steel. No cast. Best Quality.
 Length 9½ inch. Width of iron 1½ inch.
 each sh. 14/3
 Extra Irons double each sh. 3/-



- No. 11 Smoothing Planes**
 with adjustable iron. **All Steel.** (No. cast.) Length 6¾ inch. Width of iron 1½ inch.
 each sh. 3/9
 Extra Irons each sh. 1/4



- No. 12 Smoothing Planes**
All Steel. (No. cast.) Length 6¾ inch. Width of iron 1½ inch.
 each sh. 3/2
 Extra Irons each sh. 1/2



- No. 13 Smoothing Planes**
All Steel. (No. cast.) Length 5½ inch. Width of iron 1¾ inch.
 per doz. sh. 25/10
 Extra Irons per doz. sh. 10/3



- No. 14 Pocket Planes. All Steel.**
 (No. cast.) Length 3½ inch.
 Width of iron 1 inch.
 per doz. sh. 12/8
 Extra Irons per doz. sh. 5/5



- No. 15 Pocket Planes. All steel.**
 (No. cast.) Polished. Length 2¾ inch.
 Width of iron 1 inch. per doz. sh. 7/10
 Extra Irons per doz. sh. 4/3



- No. 16 Pocket Planes. All Steel.**
 (No. cast.) Length 3½ inch.
 Width of iron 1 inch. per doz. sh. 10/10
 Extra Irons per doz. sh. 5/5

Superior Quality Files Fully warranted.



No. 880



No. 881



No. 882

No. 880, 881 and 882

flat taper, square and three-square.

Extra Quality.

	Length inch	4	5	6	7	8	10	12	14	16	18	20
bastard . . . per doz. sh.		6/1	6/8	7/6	8/8	10/-	12/4	18/-	26/-	37/3	52/6	70/3
second cut		7/2	8/-	9/-	10/-	11/9	15/7	20/8	28/7	41/3	57/10	78/9
smooth		8/3	9/2	10/5	11/11	13/7	17/9	23/3	31/2	44/10	64/-	87/3

First Quality.

bastard . . . per doz. sh.	—	—	—	—	9/2	11/9	15/9	22/10	32/9	46/2	62/-
second cut	—	—	—	—	11/-	13/9	18/2	25/1	36/3	50/10	69/2



No. 883



No. 884



No. 885

No. 883, 884 and 885

hand, half-round and round.

Extra Quality.

	Length inch	4	5	6	7	8	10	12	14	16	18	20
bastard . . . per doz. sh.		6/8	7/6	8/8	10/2	11/6	15/7	21/5	31/2	44/6	60/9	81/3
second cut		7/10	9/-	10/-	11/9	13/7	17/10	24/4	34/10	49/-	67/11	91/2
smooth		9/2	10/5	12/-	13/7	15/7	20/2	27/3	40/-	54/-	75/-	101/5

First Quality.

bastard . . . per doz. sh.	—	—	—	—	11/-	13/9	18/10	27/6	39/2	53/6	71/7
second cut	—	—	—	—	12/8	15/9	21/5	30/7	43/2	59/8	86/2



No. 910 Knife Files



No. 910 Feather Edge Files



No. 913 Oval Files

Extra Quality. Fully warranted.

	Length inch	3-4	5	6	7	8	10	12	14	16
bastard . . . per doz. sh.		8/8	10/1	11/7	13/4	15/7	21/5	31/2	44/5	60/9
second cut		10/1	11/10	13/6	15/7	17/11	24/4	34/9	49/-	67/10
smooth		11/11	13/7	15/7	17/9	20/2	27/3	40/-	54/-	75/1



No. 932 Machine Feather Edge Files
Extra Quality. Second cut.

	Length inch	4	5	6	7	8
a) single cut per doz. sh.		13/-	14/9	17/-	19/6	23/-
b) double cut		13/6	15/6	17/9	20/6	24/-



No. 900 Taper Saw Files
Second cut, single cut.

	Length inch	3-4	4½	5	6	7	8
a) extra quality	per doz. sh.	5/10	6/5	7/2	8/2	11/7	14/6
b) first	" " "	5/4	5/9	6/5	8/3	10/5	13/-



No. 901 Band Saw Files



No. 908 Pit Saw Files

Extra Quality. Fully warranted. Second cut, single cut.

	Length inch	4	4½	5	6	7	8
No. 901 and 908	per doz. sh.	7/11	9/2	10/6	13/-	16/4	19/10



No. 931 Cross Cut Saw Files

Extra Quality. Fully warranted. Second cut, single cut.

	Length inch	4	4½	5	6	7	8	9
	per doz. sh.	10/-	12/10	13/6	15/6	18/-	20/6	24/6



No. 914 Wood Rasps. Halfround.
Hand-cut. Warranted quality.

	Length inch	6	7	8	10	12	14	16
bastard	per doz. sh.	8/8	10/8	12/3	17/9	24/9	35/6	50/-
second cut	" " "	11/7	14/2	16/8	23/9	32/7	45/10	63/10



No. 915 Weight or Packet Files

	Appr. weight per packet lb.	m ₂	m ₃	m ₄	m ₅
a) flat taper one piece per packet	per lb. sh.				1/2
two	" " "				1/3
three	" " "				1/6
b) half round one	" " "				1/4
two	" " "				1/5
three	" " "				1/8



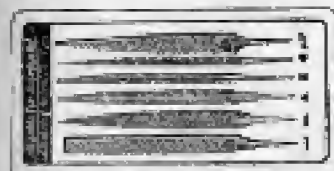
No. 919 Horse Rasps. 1/4 File.

	Length inch	12	14	16	18
a) both edges square	per doz. sh.	26/5	36/-	51/8	70/10
b) one edge bevelled	" " "	31/-	44/9	61/-	82/-

No. 921 Shoemakers' Rasps

Parisian shape.

Length inch	8	9	10
per doz. sh.	14/9	18/-	21/-



No. 925 Clearing Files

Six assorted files on card. Best warranted Quality.

Length of the files 4 inch. per doz. cards sh. 32/6

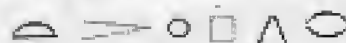
No. 926 Clearing Files

Loose not tied on card. Best quality.

shape	a	b	c	d	e	f	Length inch	4	4 1/2	5	5 1/2	6
							per doz. sh.	4/10	5/9	7/-	8/5	10/-



Needle Files. Six different shapes on cards.



		Length over all inch	4	4 1/2	5 1/2	6 1/2	7	8
No. 927	for wood	per doz. cards sh.	10/3	10/10	11/5	12/-	-	-
" 928	for metal	"	13/10	16/3	18/-	21/8	28/3	37/10

Needle Files. Loose not tied on cards. All shapes.

		Length over all inch	4	4 1/2	5 1/2	6 1/2	7	8
No. 929	for wood	per gross sh.	16/3	17/5	18/-	19/10	-	-
" 930	for metal	"	23/5	28/10	32/5	39/8	52/3	72/-



- a) with ordinary eye
b) with barrel eye

No. 950 Screw Augers. Irwin pattern.

Double cutter. Extra quality. Fine polished twist and bright nose. Shank and eye are blue or red japanned. Total length 24 inch.

		inch	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8
a)	with ordinary eye	per doz. sh.	20/3	22/10	25/3	30/-	34/3	42/-	49/10	54/-	63/5	77/5	101/5	117/-	-	-
b)	with barrel eye	per doz. sh.	24/-	27/-	29/5	34/10	39/-	48/-	56/5	61/10	73/-	87/-	113/5	130/10	-	-

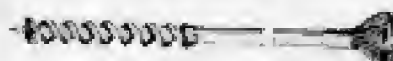


No. 951 Screw Augers with double cutter. Extra Quality. Round or square shanks. Black with polished twist-edges. Total length 18 or 24 inch. A and C with ordinary eye. B and D with barrel eye.

	inch	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	5	5 $\frac{1}{4}$	5 $\frac{1}{2}$	6
a) 18 inch long with ordinary eye p.doz.sh.	12/8	14/5	15/	18/8	20/5	24/-	29/5	31/3	36/8	43/4	54/-	61/10					
b) 18" long with barrel eye . . . per doz. sh.	16/3	18/-	19/10	23/5	25/10	29/5	36/-	39/	45/-	52/10	65/5	75/8					
c) 24" long with ordinary eye p.doz.sh.	14/5	15/8	16/10	21/-	23/5	27/8	33/-	36/-	42/-	48/8	60/8	68/5					
d) 24" long with barrel eye . . . per doz. sh.	17/5	19/10	21/8	25/10	29/10	33/8	40/3	43/10	51/-	58/10	72/8	82/3					

No. 953 Screw Augers with double cutter. Extra quality. Round or square shanks. Fine polished twist and bright nose. Shank and eye are blue or red japanned. A and C with ordinary eye. B and D with barrel eye.

	inch	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	5	5 $\frac{1}{4}$	5 $\frac{1}{2}$	6
a) 18" long with ordinary eye p.doz.sh.	16/3	17/5	18/8	22/3	24/-	25/10	36/8	39/8	46/10	54/8	64/10	72/8					
b) 18" long with barrel eye . . . p doz.sh.	19/10	21/8	23/5	27/-	29/5	34/10	43/3	47/5	55/3	64/3	76/10	86/5					
c) 24" long with ordinary eye p.doz.sh.	17/5	19/10	21/-	25/3	27/8	34/3	41/5	45/-	52/10	60/8	72/8	80/5					
d) 24" long with barrel eye . . . p.doz.sh.	20/5	23/5	25/3	29/5	33/-	39/8	47/5	52/10	61/3	70/10	84/-	94/3					



No. 951 1/2 Screw Augers without cutter (Scotch nose.) Extra quality. Round or square shanks. Black with polished twist edges. Length 18 or 24 inch.



A and C with ordinary eye
B and D with barrel eye.

	inch	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	5	5 $\frac{1}{4}$	5 $\frac{1}{2}$	6
a) 18" long with ordinary eye p.doz.sh.	11/5	12/8	13/10	17/5	19/3	22/3	27/8	29/5	34/10	41/5	51/8	59/5					
b) 18" long with barrel eye . . . p doz.sh.	15/-	16/10	18/8	22/3	24/8	28/3	34/10	37/3	43/10	51/-	63/8	73/10					
c) 24" long with ordinary eye p.doz.sh.	13/3	14/5	16/3	19/10	21/8	25/10	31/10	34/3	40/3	46/3	58/3	66/-					
d) 24" long with barrel eye . . . p.doz.sh.	16/3	18/-	20/5	24/8	27/-	31/10	39/5	42/-	48/8	56/5	70/3	79/10					

No. 953 1/2 Screw Augers without cutter. (Scotch nose.) Extra Quality. Round or square shanks. Fine polished twist and bright nose. Shank and eye are blue or red japanned. A and C w. ordinary eye. B and D w. barrel eye.

	inch	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	3	3 $\frac{1}{4}$	3 $\frac{1}{2}$	4	4 $\frac{1}{4}$	4 $\frac{1}{2}$	5	5 $\frac{1}{4}$	5 $\frac{1}{2}$	6
a) 18" long with ordinary eye p.doz.sh.	15/-	16/3	18/-	21/-	22/10	27/8	35/6	38/-	45/-	52/3	63/-	71/-					
b) 18" long with barrel eye . . . p doz.sh.	18/8	20/6	22/3	25/9	28/9	34/3	42/-	45/9	54/-	62/6	74/6	85/-					
c) 24" long with ordinary eye p.doz.sh.	16/3	18/8	19/9	24/-	27/-	32/6	39/9	43/9	51/-	60/-	71/-	78/9					
d) 24" long with barrel eye . . . p.doz.sh.	19/9	22/3	24/6	28/9	31/9	38/6	45/6	51/9	60/-	64/3	83/-	92/6					

No. 960 Brace Bits, Irwin pattern
Double cutter Extra quality. Fine polished
all over with bright nose and black shank.

inch	$1\frac{1}{4}-2\frac{1}{16}$	$1\frac{1}{2}-2\frac{1}{16}$	$2\frac{1}{8}$	$1\frac{1}{16}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{16}$	1	$1\frac{1}{16}$	$1\frac{1}{2}$
per doz. sh.	15.8	16.10	18.7	19.10	21.8	24.-	27.-	30.-	33.8	36.8

No. 961 Brace Bits with double cutter
Extra quality.

a) black with polished twist edges
b) line polished all over with bright nose and
black shank

inch	$1\frac{1}{4}-2\frac{1}{16}$	$1\frac{1}{2}-2\frac{1}{16}$	$2\frac{1}{8}$	$1\frac{1}{16}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{16}$	1	$1\frac{1}{16}$	$1\frac{1}{2}$
a) per doz. sh.	10.3	10.10	11.5	12.8	13.3	15.-	17.5	19.10	22.10	25.10
b) " " "	12.8	13.3	13.10	15.-	16.10	18.8	20.5	22.10	25.5	30.-

No. 961^{1/2} Brace Bits for Hard Wood.
Extra quality. Without cutter.
(Scotch nose.) Fine polished.

a) Length 8 to 9 inch. b) Length 12 inch.

inch	$1\frac{1}{4}-2\frac{1}{16}$	$1\frac{1}{2}-2\frac{1}{16}$	$2\frac{1}{8}$	$1\frac{1}{16}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{16}$	1	$1\frac{1}{16}$	$1\frac{1}{2}$
a) per doz. sh.	13.3	13.10	15.-	16.3	18.-	19.10	21.8	24.-	27.8	31.3
b) " " "	19.10	21.-	22.3	24.-	27.-	29.5	32.5	36.-	41.5	46.10

No. 962 Brace Bits, Cooks pattern.
Extra quality. Fine polished twist
with bright nose and black shank.

inch	$1\frac{1}{4}-2\frac{1}{16}$	$1\frac{1}{2}-2\frac{1}{16}$	$2\frac{1}{8}$	$1\frac{1}{16}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{16}$	1	$1\frac{1}{16}$	$1\frac{1}{2}$
per doz. sh.	12.8	13.3	13.10	15.-	16.10	18.8	20.5	22.10	26.5	30.-

No. 963 Brace Bits, Douglas pattern.
Extra quality. Fine polished twist
with bright nose and black shank.

inch	$1\frac{1}{4}-2\frac{1}{16}$	$1\frac{1}{2}-2\frac{1}{16}$	$2\frac{1}{8}$	$1\frac{1}{16}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{16}$	1	$1\frac{1}{16}$	$1\frac{1}{2}$
per doz. sh.	14.5	15.-	16.3	17.5	18.8	20.5	22.10	25.3	28.10	31.10

No. 980 Machine Bits with double cutter
Extra quality. Fine polished all
over. Usual length and diameter
of the round shank $2 \times \frac{1}{2}$ inch.

inch	$1\frac{1}{4}-1\frac{1}{2}$	$2\frac{1}{16}$	$2\frac{1}{4}$	$2\frac{3}{16}$	$2\frac{1}{2}$
a) total length 12-13 inch per doz. sh.	29.-	30.-	33.-	38.-	48.-
b) " " " " " " "	39.-	40.-	42.-	50.-	58.-

No. 962 Machine Bits, Irwin pattern.
Extra quality. Fine polished all
over. Usual length and diameter
of the round shank $2 \times \frac{1}{2}$ inch.

inch	$1\frac{1}{4}-1\frac{1}{2}$	$2\frac{1}{16}$	$2\frac{1}{4}$	$2\frac{3}{16}$	$2\frac{1}{2}$
a) total length 12-13 inch per doz. sh.	29.-	30.-	33.-	38.-	48.-
b) " " " " " " "	39.-	40.-	42.-	50.-	58.-



No. 964 Centre Bits with round shaft.
Fine bright. Warranted quality.

inch	$\frac{1}{8}$ - $\frac{3}{8}$	$\frac{1}{2}$ - $\frac{3}{4}$	$\frac{3}{8}$ - $\frac{1}{2}$	$\frac{1}{2}$ -1	1- $\frac{1}{4}$	1- $\frac{1}{2}$	1- $\frac{3}{4}$	1- $\frac{1}{2}$	1- $\frac{3}{4}$	1- $\frac{1}{2}$	2	
per doz. sh.	4.1	4.3	4.6	4.9	5.3	6.6	7.7	8.4	9.6	11.8	12.6	14.6

Sharpening 10% extra.



No. 964 1/2 Centre Bits with square shaft
bevelled on edges. Fine bright.

inch	$\frac{1}{8}$ - $\frac{3}{8}$	$\frac{1}{2}$ - $\frac{3}{4}$	$\frac{3}{8}$ - $\frac{1}{2}$	$\frac{1}{2}$ -1	1-	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	2
a) Superior quality per doz. sh.	4 10	5 1	5 4	5 8	6 4	7 10	9 1	10 1	11 7	14 -	15 3	17 6
b) Good quality per doz. sh.	3 10	4 -	4 5	4 9	5 6	6 2	7 3	7 9	9 3	11 3	12 -	14 3

Sharpening 10% extra.



No. 967 Hard Wood Bits
Double twisted. Best quality.

inch	$\frac{1}{16}$ - $\frac{3}{16}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{3}{4}$	1	1- $\frac{1}{2}$	1- $\frac{3}{4}$	2	2- $\frac{1}{2}$	3	3- $\frac{1}{2}$	4	4- $\frac{1}{2}$
a) fine bright p. doz. sh.	8.4	8.10	9.2	9.8	10.2	11.-	11.4	12.-	13.1	14.2	15.8	17.4	19.-
b) straw coloured . . .	8.6	9.-	9.4	9.10	10.4	11.2	11.6	12.2	13.3	14.4	15.10	17.6	19.-



No. 968 Shell or Spoon Bits
Warranted quality.

inch	up to 5	6	7	8	9	10	11	12	13	14	15	16	18-22
a) fine black p. doz. sh.	2.9	2.10	3.2	3.4	3.4	3.9	4.1	4.5	4.10	4.10	5.5	6.-	6.6
b) fine bright . . .	3.-	3.1	3.5	3.8	3.8	4.-	4.4	4.9	5.2	5.2	5.9	6.4	6.10
c) straw coloured . . .	3.2	3.3	3.7	3.10	3.10	4.2	4.6	5.-	5.5	5.5	6.-	6.7	7.3

With pointed nose the same prices.



No. 969 Twist Gimlet Bits
Cobra or Swiss Gimlet Bits.
Warranted quality.

inch	up to 5	6	7	8	9	10	11	12	13	14	15	16	18-22
a) fine black p. doz. sh.	2.9	2.10	3.2	3.4	3.4	3.9	4.1	4.5	4.10	4.10	5.5	6.-	6.6
b) fine bright . . .	3.-	3.1	3.5	3.8	3.8	4.-	4.4	4.9	5.2	5.2	5.9	6.4	6.10
c) straw coloured . . .	3.2	3.3	3.7	3.10	3.10	4.2	4.6	5.-	5.5	5.5	6.-	6.7	7.3



No. 972 Spiral Gimlet Bits
with open nose. Warranted quality.

inch	up to 5	6	7	8	9	10	11	12	13	14	15	16	18-22
a) fine bright p. doz. sh.	3.6	3.8	4.-	4.6	4.6	4.10	5.2	5.7	5.11	5.11	6.5	7.-	7.9
b) straw coloured . . .	3.7	3.9	4.1	4.7	4.7	4.11	5.6	5.5	6.-	6.-	6.6	7.3	8.-



No. 970 Countersink Bits

Straight cutters. Bright. Warranted quality.

inch	$\frac{3}{8}$ — $\frac{1}{2}$	$\frac{5}{8}$	$\frac{7}{8}$	1
p. doz. sh.	4.4	5.-	5.5	5.10



No. 971 Turn screw Bits

with square shank, 4 inch long. Bright.

per doz. sh.	3.8
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No. 977 Countersink Bits

for wood. Bright.

a) with one groove b) with two grooves

inch	$\frac{1}{4}$ — $\frac{1}{16}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1
p. doz. sh.	4.10	3.9	3.-	10.3	13.6



No. 1002 Countersink Bits

for iron. Bright.

		inch	$\frac{1}{8}$ — $\frac{1}{16}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1
a) with 8 cutting edges	per doz. sh.	5.-	6.-	8.2	11.5	15.8	
b) - 16		5.9	6.10	9.5	13.3	18.-	



No. 1003 Reamers. Bright.

with 4 5 8 corners

per doz. sh.	4.11	4.11	5.6
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No. 561 Reamers with round angle.

With square and 5 cornered shank.

Length inch	5	6
per doz. sh.	15.-	16.3



No. 978 Gimlets. Single twisted.

capacity mm	up to $4\frac{1}{2}$	5	$5\frac{1}{2}$	6	7	8	9	10
inch	$\frac{17}{32}$	$\frac{5}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{5}{16}$	$\frac{21}{32}$	$\frac{7}{16}$
per doz. sh.	1.3	1.6	1.6	1.10	2.2	2.10	3.9	4.8



No. 978 $\frac{1}{2}$ Gimlets

Double twisted with blue twist.

capacity mm	up to $4\frac{1}{2}$	5	$5\frac{1}{2}$	6	7	8	9	10
inch	$\frac{17}{32}$	$\frac{5}{16}$	$\frac{15}{32}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{5}{16}$	$\frac{21}{32}$	$\frac{7}{16}$
per doz. sh.	1.7	2.-	2.-	2.6	3.-	3.5	4.6	5.8



No. 979 Gimlets. Double twisted with blue twist and twisted handle.

capacity mm inch	up to 4 1/2 1 1/2	5 5/16	5 1/2 1 1/4	6 1 1/2	7 7/16	8 5/16	9 27/64	10 3/8
per doz. sh.	25	29	29	33	39	47	62	81



No. 979 1/2 Gimlets. Double twisted, blue twist and polished wood-handle

capacity mm inch	up to 4 1/2 1 1/2	5 5/16	5 1/2 1 1/4	6 1 1/2	7 7/16	8 5/16	9 27/64	10 3/8
per doz. sh.	111	27		35	310	45	510	74



No. 985 Wall or Stone Bits

Superior quality. From best steel tube.

Diameter inch	$\frac{7}{16}$	$\frac{3}{4}$	1	1 $\frac{1}{8}$	$\frac{1}{4}$	1 $\frac{1}{4}$	$\frac{3}{4}$	1	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2		
Length 8" p. doz. sh.	9/-	10/3	12/8	14/5	16/10	19/3	21/8	23/2	30/8	39/-	—	—	—
" 12" " " "	10/10	12/8	14/5	16/10	19/10	21/8	24/8	28/3	34/10	43/3	57/6	—	—
" 16" " " "	—	14/5	16/10	19/10	22/3	25/3	28/3	31/10	39/-	47/5	61/10	78/-	98/6
" 20" " " "	—	16/10	18/8	22/3	25/10	28/10	31/10	35/5	43/8	52/3	67/10	85/3	107/-
" 24" " " "	—	—	21/8	25/10	29/5	32/5	35/5	39/-	47/5	57/8	75/-	93/8	115/3
" 32" " " "	—	—	—	33/-	38/8	39/8	43/10	47/5	57/8	72/-	93/8	115/3	144/-
" 40" " " "	—	—	—	40/3	45/-	49/3	53/2	57/-	70/10	89/5	115/3	141/-	174/-

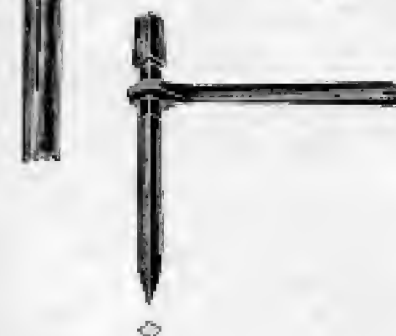


No. 986 Wall and Stone Bits

with holding handle. Superior quality.

Length 4 3/4 inch

Diameter inch	1/4	3/16	3/8
per doz. sh.	10/3	12/8	14/5



No. 560 Stone Bits

with wrenches or keys.

High superior „Profil“ steel. Length 6 inch


Diameter inch	1/4	3/16	3/8	1/2
per doz. sh.	22/3			

No. 1000 Straight Shank Twist Drills.
Jobbers' or short lengths.



Diameter inch	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$
per doz. sh.	3/6	3/6	3/6	3/-	3/-	3/3	3/5	3/8	4/-	4/-
Diameter inch	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	$1\frac{1}{4}$	$1\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$
per doz. sh.	4/4	4/8	5/3	5/9	5/9	6/4	7/-	7/9	8/6	8/6
Diameter inch	$2\frac{1}{16}$	$2\frac{1}{8}$	$2\frac{3}{16}$	$2\frac{1}{2}$	$2\frac{5}{8}$	$3\frac{1}{8}$	$3\frac{1}{2}$	$3\frac{3}{4}$	$4\frac{1}{8}$	$4\frac{3}{8}$
per doz. sh.	9/3	10/3	11/-	12/-	13/9	20/3	20/3	24/6	24/6	24/6
Diameter inch	$4\frac{1}{16}$	$4\frac{1}{8}$	$4\frac{3}{16}$	$4\frac{1}{2}$	$4\frac{5}{8}$	$5\frac{1}{8}$	$5\frac{1}{2}$	$5\frac{3}{4}$	$6\frac{1}{8}$	$6\frac{3}{8}$
per doz. sh.	28/9	28/9	32/6	32/6	32/6	36/-	36/-	39/9	39/9	39/9
Diameter inch	$6\frac{1}{16}$	$6\frac{1}{8}$	$6\frac{3}{16}$	$6\frac{1}{2}$	$6\frac{5}{8}$	$7\frac{1}{8}$	$7\frac{1}{2}$	$7\frac{3}{4}$	$8\frac{1}{8}$	$8\frac{3}{8}$
per doz. sh.	43/3	43/3	47/6	47/6	47/6	52/-	52/-	56/3	56/3	56/3

No. 1000's Straight Shank
Twist Drills. Long series.




Diameter inch	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$
per doz. sh.	3/10	4/5	5/1	5/1	6/4	7/7	10/1	12/8	12/8	15/9	19/-	28/9
Diameter inch	$7\frac{1}{16}$	$7\frac{1}{8}$	$7\frac{1}{4}$	$7\frac{1}{2}$	$8\frac{1}{8}$	$8\frac{1}{4}$	$9\frac{1}{8}$	$9\frac{1}{2}$	$10\frac{1}{8}$	$10\frac{1}{4}$	$11\frac{1}{8}$	$11\frac{1}{2}$
per doz. sh.	31/9	31/9	34/6	37/6	40/6	44/9	44/9	49/-	53/3	57/9	62/-	62/-

No. 1001 Taper Square Shank Drills

Drills up to $\frac{31}{32}$ inch with square shank
 $7\frac{1}{16} \times \frac{19}{32} \times 1\frac{1}{4}$ inch

Drills over $\frac{31}{32}$ inch with square shank
 $9\frac{1}{8} \times 1\frac{1}{16} \times 2\frac{1}{8}$ inch.



Diameter inch	$\frac{1}{16}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$1\frac{1}{8}$
per doz. sh.	26/-	26/-	29/-	31/9	34/9	37/6	37/6	40/6	43/3	45/6	47/6	47/6
Diameter inch	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{7}{8}$	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{3}{8}$	$2\frac{1}{2}$	$2\frac{7}{8}$	$3\frac{1}{8}$	$3\frac{1}{4}$
per doz. sh.	49/9	52/-	54/9	57/9	57/9	60/6	63/6	66/3	69/3	69/3	73/6	77/9
Diameter inch	$3\frac{1}{8}$	$3\frac{1}{4}$	$3\frac{1}{2}$	$3\frac{3}{4}$	4	$4\frac{1}{8}$	$4\frac{1}{4}$	$4\frac{3}{8}$	$4\frac{1}{2}$	$4\frac{7}{8}$	$5\frac{1}{8}$	$5\frac{1}{4}$
per doz. sh.	82/-	83/-	88/-	93/9	99/-	105/3	105/3	111/-	118/-	126/-	133/-	133/-
Diameter inch	$5\frac{1}{4}$	$5\frac{1}{2}$	$5\frac{3}{4}$	$6\frac{1}{4}$	$6\frac{1}{2}$	$6\frac{3}{4}$	7	$7\frac{1}{8}$	$7\frac{1}{4}$	$7\frac{3}{8}$	$8\frac{1}{8}$	$8\frac{1}{4}$
per doz. sh.	140/-	149/-	157/-	166/-	166/-	175/-	183/-	193/-	203/-	203/-	214/-	214/-



No. 1001 1/2 Taper Shank Twist Drills

Drills from $\frac{1}{16}$ to $\frac{3}{8}$ inch have Morse Taper No. 1 2 3 4 5

Diameter inch	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{4}$	$\frac{9}{32}$	$\frac{11}{32}$	$\frac{3}{8}$	$\frac{13}{32}$	$\frac{7}{16}$	$\frac{15}{32}$
each sh.	1/11	1/11	2/2	2/4	2/6	2/8	2/8	2/9	2/11	3/1	3/3	3/3	3/3
Diameter inch	$\frac{1}{2}$	$\frac{11}{32}$	$\frac{9}{16}$	$\frac{19}{32}$	$\frac{5}{8}$	$\frac{21}{32}$	$\frac{11}{16}$	$\frac{23}{32}$	$\frac{3}{4}$	$\frac{25}{32}$	$\frac{13}{16}$	$\frac{27}{32}$	$\frac{27}{16}$
each sh.	3/5	3/8	3/10	3/10	4/6	4/8	4/10	5/2	5/5	5/5	5/9	6/2	6/2
Diameter inch	$\frac{7}{8}$	$\frac{29}{32}$	$\frac{15}{16}$	$\frac{31}{32}$	1	$1\frac{1}{16}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{2}$
each sh.	6/6	6/6	7/6	7/11	8/5	8/11	8/11	9/6	10/1	10/8	10/8	11/4	11/4
Diameter inch	$1\frac{1}{32}$	$1\frac{1}{4}$	$1\frac{1}{8}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{1}{2}$
each sh.	11/4	12/-	13/11	14/8	15/5	15/5	16/1	17/-	18/-	18/-	19/-	19/-	19/-
Diameter inch	$1\frac{27}{32}$	$1\frac{1}{2}$	$1\frac{13}{32}$	$1\frac{3}{8}$	$1\frac{21}{32}$	$1\frac{11}{16}$	$1\frac{23}{32}$	$1\frac{3}{4}$	$1\frac{25}{32}$	$1\frac{27}{16}$	$1\frac{27}{8}$	$1\frac{27}{4}$	$1\frac{27}{2}$
each sh.	19/6	20/-	21/-	22/-	23/3	23/3	24/3	25/6	26/9	26/9	28/-	28/-	28/-
Diameter inch	$1\frac{27}{32}$	$1\frac{1}{8}$	$1\frac{27}{32}$	$1\frac{13}{16}$	$1\frac{21}{32}$	2	$2\frac{1}{32}$	$2\frac{1}{16}$	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$
each sh.	28/6	29/-	30/3	31/6	31/6	31/6	36/3	37/9	39/3	39/3	39/3	39/3	39/3
Diameter inch	$2\frac{1}{32}$	$2\frac{1}{16}$	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$
each sh.	40/9	42/3	44/-	45/9	45/9	47/6	49/3	51/9	54/9	54/-	54/-	54/-	54/-
Diameter inch	$2\frac{27}{32}$	$2\frac{1}{2}$	$2\frac{27}{16}$	$2\frac{3}{8}$	$2\frac{11}{16}$	$2\frac{27}{16}$	$2\frac{11}{8}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	3	3
each sh.	56/6	59/-	64/3	67/3	73/3	75/9	82/6	89/-	92/6	100/-	100/-	100/-	100/-



Hand Reamers. Superior quality.

No. 1006 straight fluted

No. 1006 1/2 twisted fluted

Diameter inch	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$
Total length about	$4\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	5	$5\frac{1}{2}$	$5\frac{1}{2}$	$5\frac{1}{2}$	$5\frac{1}{2}$	$5\frac{1}{2}$	$5\frac{1}{2}$	$5\frac{1}{2}$	$5\frac{1}{2}$	$5\frac{1}{2}$
each sh.	1/10	1/10	1/10	1/11	2/2	2/3	2/7	2/9	3/1	3/4	3/4	3/4	3/4
Diameter inch	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{15}{16}$	$\frac{1}{2}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	$\frac{15}{16}$
Total length about	$6\frac{1}{4}$	7	$7\frac{1}{8}$	$7\frac{1}{4}$	8	$8\frac{1}{2}$	$8\frac{1}{4}$	$8\frac{1}{2}$	$8\frac{1}{2}$	$8\frac{1}{2}$	$8\frac{1}{2}$	$8\frac{1}{2}$	$8\frac{1}{2}$
each sh.	3/8	4/1	4/4	4/10	5/3	5/9	6/1	6/6	6/11	7/4	7/4	7/4	7/4
Diameter inch	$\frac{11}{16}$	1	$1\frac{1}{16}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$
Total length about	10	$10\frac{1}{4}$	$10\frac{1}{2}$	11	$11\frac{1}{2}$	12	$12\frac{1}{2}$	$12\frac{1}{2}$	$12\frac{1}{2}$	$12\frac{1}{2}$	$12\frac{1}{2}$	$12\frac{1}{2}$	$12\frac{1}{2}$
each sh.	8/-	8/8	9/1	10/2	10/10	12/3	13/9	13/9	14/3	15/10	15/10	15/10	15/10
Diameter inch	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$
Total length about	$13\frac{1}{2}$	14	$14\frac{1}{2}$	$14\frac{1}{2}$	$15\frac{1}{2}$	$15\frac{1}{2}$	16	16	$16\frac{1}{2}$	16	16	16	16
each sh.	16/7	18/-	19/6	20/2	21/8	22/4	25/3	26/8	30/3	30/3	30/3	30/3	30/3



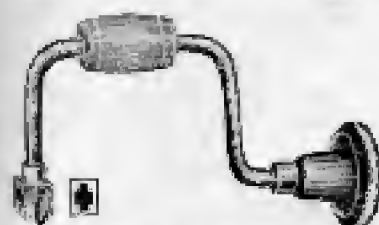
No. 1005 Taper Reamers

Diameter inch	$\frac{3}{16} \times \frac{3}{8}$	$\frac{7}{16} \times \frac{1}{2}$	$\frac{1}{2} \times \frac{1}{2}$	$\frac{1}{2} \times \frac{13}{16}$	$\frac{5}{8} \times \frac{13}{16}$
Length of flute "	4	$4\frac{1}{2}$	6	$6\frac{1}{2}$	6
each sh.	5/1	5/8	10/10	14/3	16/7
Diameter inch	$\frac{3}{4} \times 1\frac{1}{2}$	$1\frac{1}{8} \times 1\frac{1}{2}$	$1\frac{1}{16} \times 2$	$1\frac{1}{4} \times 1\frac{1}{8}$	$1\frac{5}{16} \times 2\frac{1}{8}$
Length of flute "	$8\frac{1}{2}$	$8\frac{1}{2}$	9	$9\frac{1}{2}$	$10\frac{1}{2}$
each sh.	21/6	24/6	33/2	37/6	49/-
Diameter inch	$1\frac{1}{16} \times 2\frac{1}{2}$	$1\frac{1}{8} \times 2\frac{1}{2}$	$1\frac{1}{4} \times 3$		
Length of flute "	11	$11\frac{1}{2}$	12		
each sh.	54/9	66/3	72/-		



No. 1010 Braces. Heavy pattern

9 inch sweep, $\frac{7}{16}$ inch thickness of steel frame. Black polished wood per dozen sh. 20/5

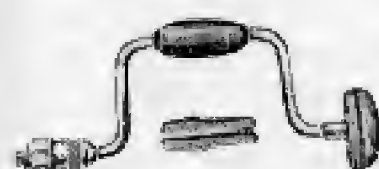


No. 1011 Braces. Light pattern.

8 inch sweep, $\frac{3}{8}$ inch thickness of steel frame. Rosewood polished wooden parts. per doz. sh. 16/10



No. 1015 Braces. Cheap but good brace with yellow polished wooden parts and round chuck. 8 inch sweep, $\frac{3}{8}$ inch thickness of steel frame. With common jaws. per doz. sh. 22/3 (With octagon chuck the same price.)



No. 1018 Braces. With octagon chuck and fine rosewood polished wooden parts. 9 inch sweep, $\frac{7}{16}$ inch thickness of steel frame. With common jaws. per dozen sh. 31/3
nickelplated p. doz. sh. 14/6 extra



No. 1020 Braces. With Ball Bearings, octagon chuck and fine rosewood polish wooden parts. 10 inch sweep, $\frac{9}{16}$ inch thickness of steel frame. With spring jaws. per doz. sh. 52/3
nickelplated p. doz. sh. 14/6 extra



- No. 1025 **Ratchet Braces.** With octagon chuck and fine rosewood polished wooden parts, 10 inch sweep, $1\frac{1}{2}$ inch thickness of frame. With spring jaws, per dozen sh. 81/-
nickelplated p. doz. sh. 18/- extra
With Alligator Spring Jaws the same prices.



Ball Bearings

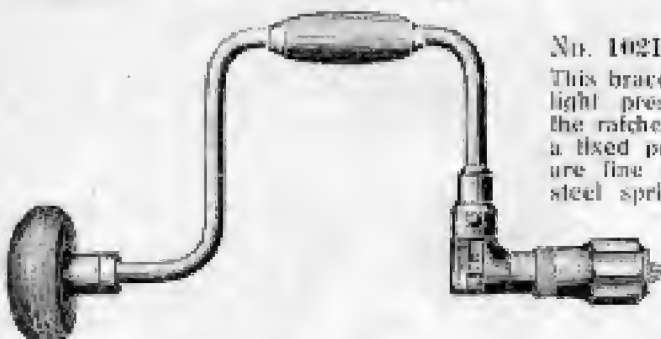
- No. 1026 **Ratchet Braces.** With Ball Bearings, octagon chuck and fine rosewood polished wooden parts, 10 inch sweep, $1\frac{1}{2}$ inch thickness of frame. With spring jaws, per dozen sh. 86/6
nickelplated p. doz. sh. 18/- extra
With Alligator Spring Jaws the same prices.



- No. 1028 **Ratchet Braces.** With Ball Bearings, octagon chuck and fine rosewood polished wooden parts, 10 inch sweep, $1\frac{1}{2}$ inch thickness of frame. With spring jaws, per dozen sh. 90/-
nickelplated p. doz. sh. 18/- extra
With Alligator Spring Jaws the same prices.



- No. 1024 **Ratchet Braces „Grips All“**
 High quality brace with Ball Bearings, Gualac wood head and Rosewood handle. The chuck takes square and round shanks up to $\frac{1}{2}$ inch and Morse taper shanks No. 1. Length over all 15 inch, sweep 10 inch, thickness of steel frame $1\frac{1}{2}$ inch, per dozen sh. 218/-
 fine nickelplated p. doz. sh. 21/6 extra



- No. 1021 **Ratchet Braces**
 This brace is fitted with a knob. By light pressure this knob changes the ratchet from left to right or into a fixed position. Head and handle are fine rosewood polished. With steel spring jaws. Sweep 9 inch, thickness of steel frame $1\frac{1}{2}$ inch, length 15 inch, polished per dozen sh. 100/-
 fine nickelplated p. doz. sh. 127/-

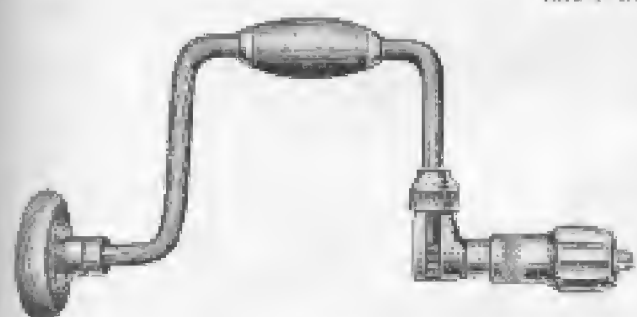
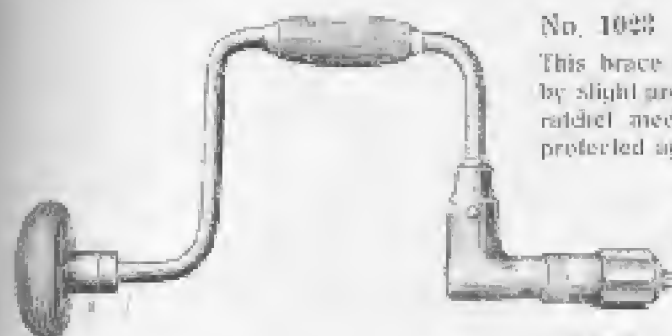
- No. 1022 **Ratchet Braces** The same brace as No. 1021 but with Sweep 10 inch, thickness of frame $1\frac{1}{2}$ inch, length 15 $\frac{1}{2}$ inch, polished per dozen sh. 114/-
 fine nickelplated " " " 141/-

No. 1022 Ratchet Braces

This brace also changes the ratchet by slight pressure of the knob. The ratchet mechanism is enclosed and protected against dust and damaged.

Head and handle are fine rosewood polished.
Sweep 10 inch, thickness of frame $\frac{1}{32}$ inch, length 16 inch.

polished . . . per dozen sh. 130/-
fine nickelplated . . . 157 -



Sweep 10 inch
Thickness of Steel Frame
 $\frac{1}{32}$ inch



$\frac{1}{16}$ inch
inch

This brace holds the bits as follows:

A spiral spring below the jaw causes the jaw to grip the bit above the tapered square end. The thumb, when screwed home forces the bit back into the guide. This ensuring absolute central working.

No. 1013 Head and handle are fine rosewood polished. **Without Ratchet.**
Sweep 10 inch, thickness of steel frame $\frac{1}{32}$ inch . . . per doz. sh. 54/-
fine nickelplated per doz. sh. 14 6 extra.

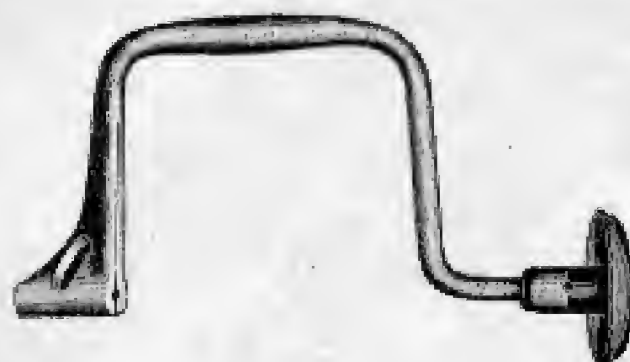
No. 1014 The same brace as No. 1013 but **with Ratchet** . . . per doz. sh. 92 -
fine nickelplated per doz. sh. 22 - extra.

No. 1015 Ratchet Brace

The same brace as No. 1014 but with **steel-clad head** per doz. sh. 101/-
fine nickelplated per doz. sh. 22 - extra.

No. 1019 A very fine Ratchet Brace

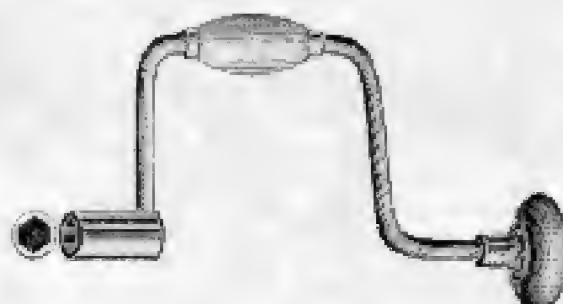
The wooden parts are of ebony. Fine **nickelplated** with steel-clad head
per doz. sh. 147 -



No. 1016 Braces Spofford pattern.

All of steel. Fine black
lapped.

Sweep inch				
8	9	10	12	14
per doz. sh.				
77/-	82/-	87/-	98/-	108/-



No. 1012 Braces

Special use for auto cars, with
hexagon box $2\frac{1}{8}$ inch long. Head
and handle are yellow polished.

Width of nuts 17 or 19 mm

- a) with steel box p. doz. sh. 30/9
b) " cast " " " " 30/9

(Width of 17 mm is special size
for „Ford“ cars.)



No. 1040 Hand Drills

Double geared. Total length 13 inch.
With 3 jaw chuck, which takes drills
up to $\frac{1}{2}$ inch . . . per doz. sh. 88/-



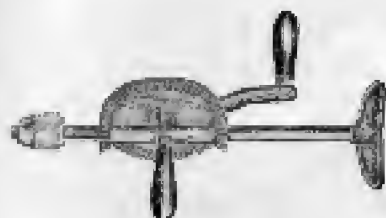
No. 1042 Hand Drills

Total length $12\frac{1}{2}$ inch. Takes drills
up to $\frac{3}{8}$ inch . . . per doz. sh. 64/10



No. 1043 Hand Drills with two speeds.

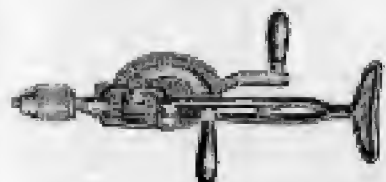
Total length 15 inch. Takes drills
up to $\frac{11}{32}$ inch . . . each sh. 16/6



No. 1041 Breast Drills.

Single speed. Total length 14½ inch.

- a) taking drills up to 1¼ inch. each sh. 10/10
b) " " " " 1½ " " " 11/10



No. 1044 Breast Drills.

With two speeds. Total length 17 inch.

The 3 jaw chuck takes drills up to ½ inch.

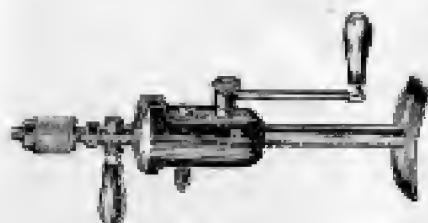
Metal parts are fine black and red japanned with polished wood handles. each sh. 12/9



No. 1039 Breast Drills with two speeds.

Total length 17 inch. The 3 jaw chuck takes drills up to ½ inch. Metal parts are fine black and red japanned with polished wood handles. The small cog-wheels are covered to protect the hand, working the side-handle.

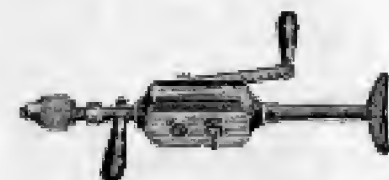
each sh. 13/10



No. 1036 Breast Drills.

Two speeds with fly-wheel. The interior parts are enclosed and protected against dust and damage. Total length 18 inch. Black japanned with polished handle.

- a) with 3 jaw chuck for straight shank drills up to ½ inch. each sh. 25/6
b) with an arrangement to take straight shank drills up to ½ inch and taper shank drills up to 15/32 inch. each sh. 26/6



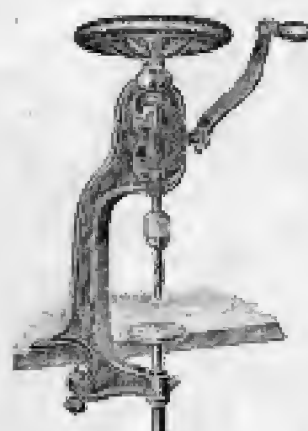
No. 1036½ a Enclosed Breast Drills.

Similar to No. 1036. With two speeds. Length 18 inch. With 3 jaw chuck for straight shank drills up to ½ inch. each sh. 20/8



No. 1036½ b Enclosed Breast Drills.

With 2 speeds. Length 18 inch. With arrangement to take taper shank drills up to 15/32 inch. The 3 jaw chuck take straight shank drills up to ½ inch. each sh. 22/-



No. 1033 Bench Drill.

Automatic movement up and down, with 3 jaw chuck and movable table.

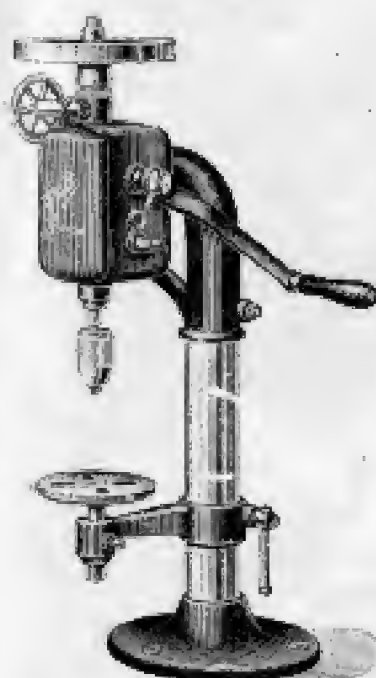
	Size Nr.	1	2	3
Chuck takes drills up to . . . inch.		$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$
Height over all		22	28	28
Distance from chuck to table . inch.		5	9	9
Weight of the Bench drill . . . lbs		14	28	29
Price of machine with table each sh.		51/-	66/-	73/6
Price of parallel vice for same . .		11/-	11/-	11/-



No. 1033 $\frac{1}{2}$ Bench Drill.

With two speeds and automatic movement up and down, with speed-regulator, movable table and ball bearings. The interior mechanism is enclosed and protected against dust and damage.

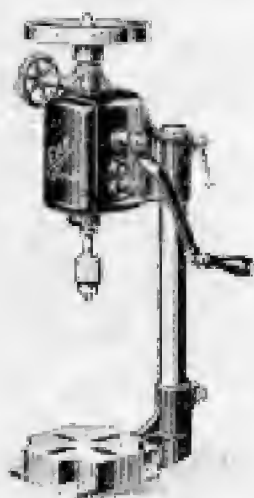
	Size Nr.	1	2
3 jaw chuck taking drills up to inch.		$\frac{3}{8}$	$\frac{1}{2}$
Height over all		30	30
Distance from chuck to table . . .		7	7
Appr. Weight lbs.		42	42
	each sh.	90/-	95/10
Parallel vice each sh.		11/3	11/3



No. 1033 $\frac{1}{2}$ Pillar Drills.

With two speeds and automatic movement up and down. With speed-regulator, movable table and ball bearings. The interior parts are enclosed and protected against dust and damage.

Sizes No.	1	2	3
3 jaw chuck takes drills up to inch.	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$
Height over all	29	29	42
Distance from chuck to table . .	$7\frac{1}{2}$	$7\frac{1}{2}$	15
Appr. weight lbs.	45	45	78
each sh.	112/3	120/-	231/-
Parallel vice each sh.	11/3	11/3	24/9



No. 60 Pillar Drills.

With two speeds and automatic movement up and down. With speed regulator and ball bearings. The interior parts are enclosed and protected against dust and damage.

3 jaw chuck takes drills up to	$\frac{1}{2}$ inch.
Height over all appr.	28
Distance from chuck to table . .	9
Appr. weight lbs.	38
each sh.	82/6
Parallel Vice each sh.	15/9

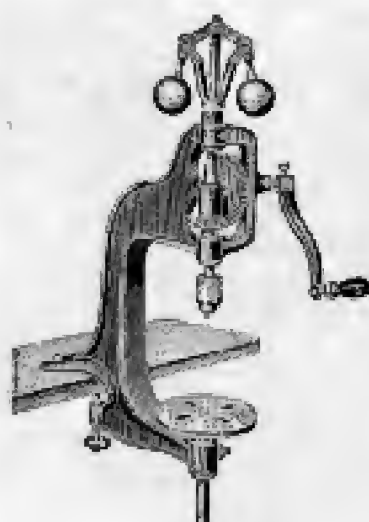


No. 58 Bench Drill.

With automatic pressure and 3-jaw chuck.

High Precision.

	Size	1	2	3
takes drills up to inch.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	
Height over all	37	37	37	
Depth of feed	11	11	11	
Distance from chuck to table	8	8	7	
Appr. weight lbs.	65	65	70	
each sh.	121/6	130/6	148/6	
Parallel-vice each sh.	24/9			

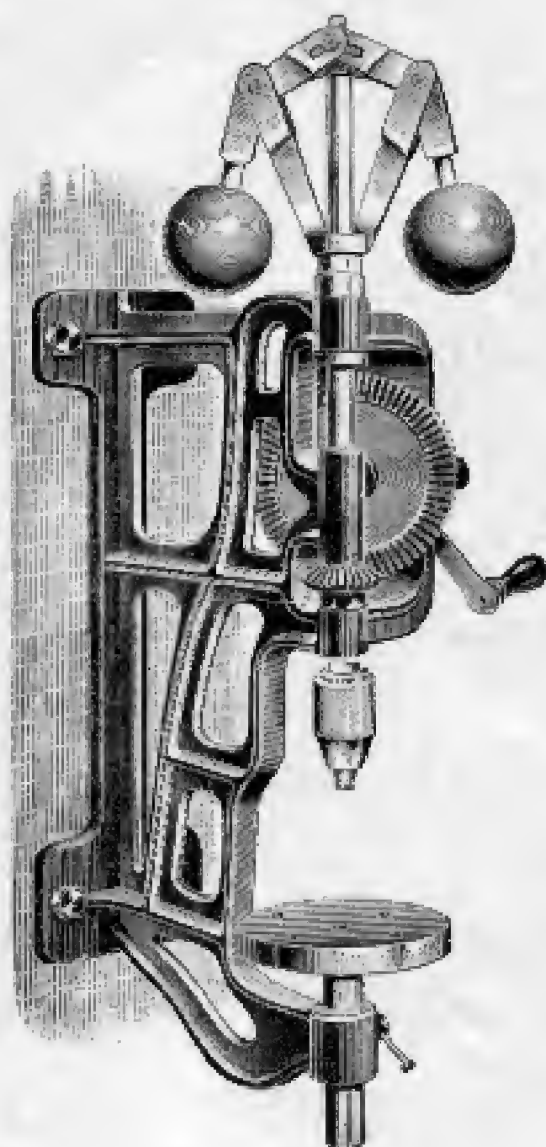


No. 59 Bench Drill.

With automatic pressure and 3-jaw chuck.

High Precision.

	Size	1	2	3
takes drills up to inch.	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	
Height over all	27	32	32	
Depth of feed	3	6	6	
Distance from chuck to table . .	5	8	8	
Appr. weight lbs	18	38	38	
each sh.	54/6	68/10	77/10	
Parallel-vice each sh.	11/3			



No. 57 Wall Drill. With automatic pressure and 3-jaw chuck.
Heavy Model. High Precision.

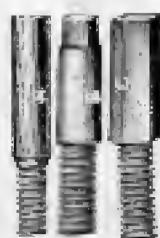
Takes drills up to	inch	$\frac{3}{8}$
Height over all	"	40
Depth of feed	"	$5\frac{1}{2}$
Distance from chuck to table . . .	"	8
Appr. weight	lbs	110
	each sh.	234/-
Parallel-vise each sh.		24/9



No. 1046 Drill Chucks. Two jaws.

Superior quality, high precision.

	Size	1	2	3	4	5	6	7
Capacity up to inch.		$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$
a) with ring as illustrated each sh.		9/10	12/-	13/3	15/6	19/4	25/11	39/3
b) without ring each sh.		8/8	10/9	11/10	13/8	17/9	23/9	35/-

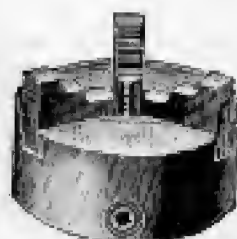


No. 1047 Drill Chucks. Three jaws:

Bright finish. Warranted quality.

	Size No.	0	1	2	3	4
Capacity inch.		$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$
without shanks per doz. sh.		29/-	29/-	36/-	46/3	133/-
a) with straight shanks		38/-	38/-	45/-	55/3	176/-
b) . taper		41/-	41/-	48/-	58/-	198/-
c) . square taper		43/3	43/3	50/6	60/6	204/-

Sizes of shanks inch. $1\frac{1}{4} \times \frac{1}{2} \times \frac{3}{16}$.



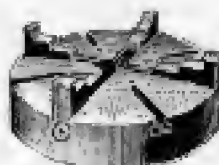
No. 1540

Scroll Chucks.

Every chuck is fitted with one set of inside jaws and one set of outside jaws and with key.

High Precision.

	Size No.	1	2	3	4	5	6	7	8	9	10
Diameter and Capacity inch.		$3\frac{1}{8}$	$4\frac{1}{8}$	5	6	$7\frac{1}{2}$	9	$10\frac{1}{2}$	12	$15\frac{1}{2}$	17
No. 1540 with 2 sets of three jaws each sh.		35/6	43/6	51/6	61/-	72/-	96/-	115/-	170/-	322/-	382/-
No. 1541 with 2 sets of four jaws		41/9	52/6	61/-	72/-	86/-	113/-	125/-	194/-	382/-	435/-



No. 1642 Universal Scroll Chucks.

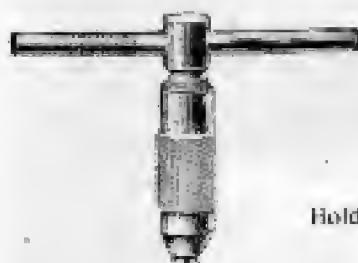
With 4 jaws and key. The jaws are turnable and can be used as inside jaws and also as outside jaws. High precision.

	Size No.	1	2	3	4	5	6	7	8	9	10
Diameter and Capacity inch.		$4\frac{1}{2}$	6	8	10	12	14	16	18	20	22
each sh.		64/-	83/-	106/-	140/-	209/-	242/-	264/-	422/-	497/-	560/-



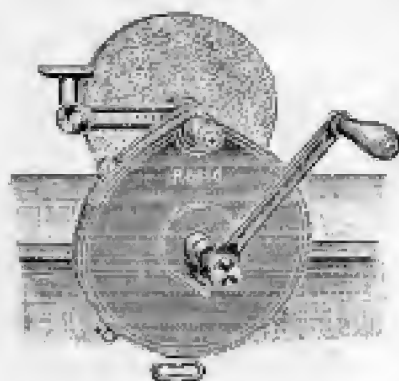
No. 1049 Steel Sleeves for Morse Taper Shank Drills. Fine bright.

	No.	1	2	3	4	5	6	7	8
Outside No.	2	3	3	4	4	4	5	5	5
Inside No.	1	1	2	1	3	2	4	3	3
a) hardened	per doz. sh.	22/10	33/-	28/10	51/8	46/10	51/8	98/6	100/3
b) not hardened	"	20/-		25/3	—	39/-	—	86/-	—



No. 1042 1/2 Tool- or Tap-Holder.
Best Steel. Warranted Quality.

Size	1	2	3
Holds bits from inch	1/8 to 3/32	3/16 to 1/4	5/16 to 3/8
per doz. sh.	16/9	20/6	27/-



No. 2100 Bench Grinding Machines
"Rapid".

With high speed and high class special emery wheels. With fully protected gearings. High grade finish.

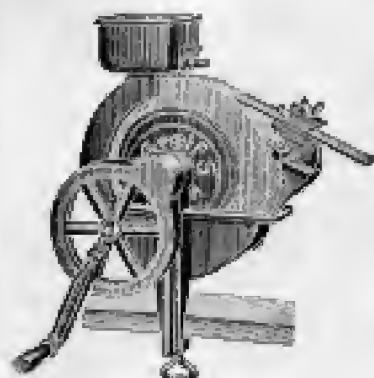
Size No	1	2	3
Diameter of emery wheels inch	5 x 3/4	6 x 1	7 x 1 1/2
each sh.	28/10	37/10	46/10



No. 2101 Bench Grinding Machines
"Xillo".

Fully protected gearings. High speed. High class emery wheels. Fine finish. By taking off the socket the grinder can be spanned in every vice.

Size No.	1	2	3
Diameter of emery wheels inch	6 x 3/4	6 1/2 x 1	6 1/2 x 1 1/2
each sh.	37/3	38/10	39/8



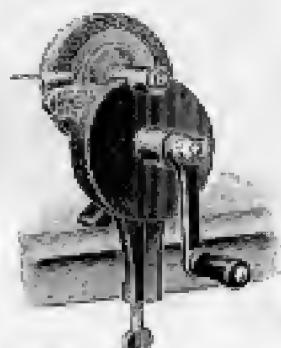
No. 2104 Tool Grinding Machines.

Gears have fine lathe cut teeth. High precision therefore easy and noiseless work. Perfectly enamelled. This machine gives pleasure to every workman. With extra quality emery wheels not cheap stones. Diameter of emery wheel 10 inch, width 1 1/2 inch appr. weight 33 lbs.

a) with attachment for sharpening tools of all kinds each sh. 81/-

b) with special attachment for sharpening plane-irons as shows the illustration each sh. 84/-

Extra quality emery wheels extra each sh. 29/6
Price of attachment for a second wheel for profiling (6x2 1/2 inch) extra sh. 9/9



No. 2102 Bench Grinding Machines.

Protected gears. Black enamelled.
First class emery wheels.

Size No.	1	2	3	4	5
Diameter and width of wheels inch	3x3/4	4x3/4	5x1/2	6x3/4	7x1
each sh.	7/8	8/7	12/8	17/2	20/9



No. 2103 Grinders for household use, mechanics etc. black enamelled with good emery wheels.

	Size 1	2
Diameter and width of wheels inch	2 1/4 x 3/8	3 x 3/8
per doz. sh.	26/5	32/-



No. 1051 Saw Sets, Bright steel.

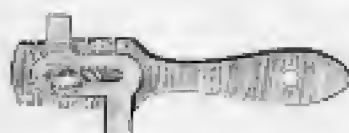
- a) 6 gates per doz. sh. 2/3
b) 8 " " " 2/9



No. 1050 Saw Sets.

Bright with polished handle.

- a) 6 gates per doz. sh. 3/8
b) 8 " " " 4/1



No. 1052 Saw Sets, Bright with 8 gates, per doz. sh. 4/10



No. 1053 Saw Sets.

Bright with polished handle.

- a) 6 gules per doz. sh. 4/3
b) 8 " " " 4/7

No. 1054 Saw Sets. All forged steel, fine polished, heavy model. 6 gules.



Size	1	2	3
Length inch	6 $\frac{1}{2}$	7 $\frac{1}{2}$	10
per doz. sh.	7/10	13/10	28/10

With turn-screw-end extra . . . per doz. sh. 2/6

With round holes at the end of gules extra . . .
per doz. sh. 1/10

No. 1055 Saw Sets. All forged steel.

About 8 inch long. Extra strong.

- a) polished head, black handle per doz. sh. 13/6
b) polished all over 16/3

No. 1061 Saw Setting Pliers.

Total length about 10 inch.



- a) black per doz. sh. 34/3
b) bright " " 38/-

No. 1064 Saw Setting Pliers.

Gun metal finished. For all kinds of saws up to a gauge of 1.3 mm.

Length 7 inch . . . per doz. sh. 40/-



No. 1065 Saw Setting Pliers.

Gun metal finished. Length 7 inch.
For all kinds of saws up to gauge of 1.3 mm. With Scale.



Scale No. 1 3 or 5
produces a wide, medium or narrow set.
per doz. sh. 54/-



No. 1090 Nail Punches. Flat.

4 inch long . . . per doz. sh. 2/-



No. 1094 Centre Punches.

4 inch long . . . per doz. sh. 2/-

No. 1097 Nail Punches. Octagon.

Finish bright and natural colour.



Length inch	4	5	8
Shaft Diameter	$\frac{3}{8}$	$\frac{1}{2}$	1.
per doz. sh.	3/9	6/9	13/3



No. 1007¹/₂ Centre Punches. Octagon.
Finish bright and natural colour.

Length inch	4	5	8
Shaft diameter "	³ / ₈	¹ / ₂	⁷ / ₈
[per doz. sh.	3/9	6/9	13/3



No. 1095 Cotterpin Extractors.
With knurled handle. per doz. sh. 5/8



No. 1104 Hollow Punches.

	Diameter inch	³ / ₁₆	¹ / ₄	⁵ / ₁₆	³ / ₈	⁷ / ₁₆	¹ / ₂	⁵ / ₈	³ / ₄	⁷ / ₈	¹ / ₂	³ / ₄	¹ / ₂	³ / ₄	¹ / ₂	³ / ₄
a) Superior Quality line blue	per doz. sh.	4/4	4/11	5/8	6/5	7/3	8/2	9/6	12/-	13/6	17/6	22/-	24/6			
b) Good Quality natural colour	per doz. sh.	2/7	2/10	3/4	4/1	4/10	5/2	6/-	8/9	9/4	12/6	15/-	18/9			



No. 1104¹/₂ Hollow Punches.
Polished with knurled grip.

Diameter inch	³ / ₁₆	¹ / ₄	⁵ / ₁₆	³ / ₈	⁷ / ₁₆	¹ / ₂	⁵ / ₈	³ / ₄	⁷ / ₈	¹ / ₂	³ / ₄	¹ / ₂	³ / ₄	¹ / ₂	³ / ₄
per doz. sh.	3/4	3/8	4/6	5/5	7/6	8/9	9/8	11/5	13/6	15/8	19/6	23/6	31/6		



No. 1195 Wad Punches.
Handforged. Superior Quality.

Diameter inch	³ / ₁₆	¹ / ₄	⁵ / ₁₆	³ / ₈	⁷ / ₁₆	¹ / ₂	⁵ / ₈	³ / ₄	⁷ / ₈	¹ / ₂	³ / ₄	¹ / ₂	³ / ₄	¹ / ₂	³ / ₄
per doz. sh.	7/10	9/-	9/8	11/5	12/8	15/-	16/10	20/5	23/5	27/8	30/8	34/3	39/8	46/10	
Diameter inch	¹ / ₁₀	¹ / ₈	¹ / ₄	³ / ₈	¹ / ₂	³ / ₄	¹ / ₂	³ / ₄	¹ / ₂	³ / ₄	¹ / ₂	³ / ₄	¹ / ₂	³ / ₄	¹ / ₂
per doz. sh.	54/-	57/8	60/-	67/3	73/10	80/5	91/3	97/10	105/-	120/8	133/10	140/5	164/5	177/8	



No. 1070 Screw Drivers. English pattern.
Polished blade and handle.

Length of blade inch	3	4	5	6	7	8	9	10
per doz. sh.	3/-	3/9	4/9	5/6	6/6	7/3	8/-	9/-



No. 1071 Screw Drivers. Americ. pattern.
With rosewood polished handle.

Length of blade inch	3	4	5	6	7	8	9	10
per doz. sh.	4/6	5/3	6/-	7/10	8/0	9/11	11/5	12/-



No. 1072 Screw Drivers.

Fine boxwood polished handle.

Length of blade inch	3	4	5	6	7	8	9	10
per doz. sh.	5/-	6/-	6/9	8/3	9/9	11/3	12/8	13/10



No. 1073 Screw Drivers. Extra quality black polished handle. Blade with tang passing through with square end at the handle of **one piece** (not rivetted). Best hand forged tool.

Length of blade inch	3	4	5	6	7	8	10	12
per doz. sh.	7/8	8/5	9/-	10/9	12/3	14/-	19/-	23/-



No. 1074 Screw Drivers "Perfect".

Extra strong. Drop forged steel with rivetted scales.

Full length inch	4	5	6	7	8	9	10	11	12
per doz. sh.	4/3	4/10	5/-	7/-	7/10	9/-	10/3	11/3	13/-



No. 1075 Screw Drivers. Best quality. With light polished corrugated handle.

Length of blade inch	3	4	5	6	7	8	9	10
per doz. sh.	5/2	6/-	7/3	8/2	9/4	11/9	13/10	16/-



No. 1078 Screw Drivers.

Extra strong square shafted blade with black polished corrugated handle.

Length of blade inch	3	4	5	6	7	8	10	12
per doz. sh.	8/-	8/6	9/-	10/3	11/6	12/9	14/-	16/6



No. 1079 Turncrew Bits for Braces.

Length inch 4 per doz. sh. 2/2



No. 1080 Screw Drivers for Auto Cars.

Double end. Length $5\frac{1}{4}$ inch.
per doz. sh. 3/8



No. 1081 Screw Drivers

for Sewing Machines, etc.
Blade 2 inch long, yellow handle,
per gross sh. 13/3



No. 1082 Screw Drivers

for Sewing Machines etc.

Blade 2 inch long black corrugated handle,
per gross sh. 14/5



No. 1083 Screw Drivers

special for Auto Cars with reversible strong blade.

Length of blade inch	8	10	12
per doz. sh.	7/-	8/-	9/-



No. 1085 Screw Drivers.

French pattern.

Best quality steel blade, fine polished handle.

Size Blade inch	$\frac{2}{32}$	0	1	2	3	4	5
	$3\frac{1}{4}$	4	$4\frac{1}{4}$	$5\frac{1}{4}$	$6\frac{1}{4}$	$7\frac{1}{4}$	$8\frac{1}{4}$
per doz. sh.	5/2	5/3	6/4	7/3	9/-	10/10	12/4



No. 1087 Electricians' Screw Drivers.

Fine polished spindler blade, polished handle.

Length of blade inch	3	4	$4\frac{1}{4}$	$5\frac{1}{4}$	6	7	8	9	10
per doz. sh.	2/7	2/11	2/11	3/3	3/3	3/8	3/3	4/-	4/6



No. 1086 Screw Drivers. Superior quality.

Fine polished crutch handle with brass ferrule.

Length of blade $2\frac{1}{2}$ inch . . . per doz. sh. 9/-



No. 1530 Drill-Screw Drivers with Ratchet.

American pattern.

Fine nickel-plated, rosewood polished handle. With 3 blades of different width.
Superior quality.

a) maximum length with blade 12 inch	each sh. 10/9
b) 20	12/-
c) $20\frac{1}{2}$	19/-



No. 1531 Screw Drivers with Ratchet.

Nickel-plated ferrule, rosewood polished handle.
Superior quality

Length of blade inch	2	3	4	5	6	7	8	9	10
per doz. sh.	34/8	35/3	36/8	37/10	39/-	40/3	41/5	42/8	43/10

Stocks and Dies for Blacksmiths etc.
With one pair of taps (taper and plug) to each size.

No. 1111

Warranted

Quality



No. 1111

Warranted

Quality

Length of stock	Cutting Whitworth thread of	Price per set		Price of one pair of extra dies
		in paper parcels	on cards	
	cutting 3 sizes	sh.	sh.	sh.
7 inch	$\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ "	5/10	6/6	-6
9 "	$\frac{3}{16}$ $\frac{1}{2}$ $\frac{5}{16}$ "	6/8	7/4	-8
10 "	$\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ "	7/3	8/3	-9
12 "	$\frac{5}{16}$ $\frac{1}{2}$ $\frac{7}{16}$ "	8/5	9/4	-9
15 "	$\frac{1}{4}$ $\frac{3}{4}$ $\frac{1}{2}$ "	9/6	10/7	-11
18 "	$\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ "	12/3	13/6	1/1
21 "	$\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{2}$ "	15/9	17/3	1/4
24 "	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{1}{2}$ "	20/5	22/2	1/8
27 "	$\frac{3}{4}$ $\frac{1}{2}$ 1 "	25/3	27/3	1/11
30 "	$\frac{1}{2}$ 1 $1\frac{1}{2}$ "	32/-	34/6	1/24
33 "	1 $1\frac{1}{2}$ $1\frac{1}{2}$ "	41/6	44/6	2/11
36 "	$1\frac{1}{2}$ $1\frac{1}{2}$ $1\frac{1}{2}$ "	52/6	56/-	3/8
39 "	$1\frac{1}{2}$ $1\frac{1}{2}$ $1\frac{1}{2}$ "	64/6	68/-	4/6
46 "	$1\frac{1}{2}$ $1\frac{1}{2}$ $1\frac{1}{2}$ "	87/-	92/6	6/3
54 "	$1\frac{1}{2}$ $1\frac{1}{2}$ 2 "	120/-	127/-	9/-
	cutting 4 sizes			
15 "	$\frac{3}{16}$ $\frac{1}{8}$ $\frac{1}{16}$ $\frac{1}{2}$ "	11/9	12/9	-11
18 "	$\frac{1}{8}$ $\frac{1}{16}$ $\frac{1}{32}$ $\frac{3}{8}$ "	14/-	15/3	1/1
21 "	$\frac{1}{16}$ $\frac{1}{32}$ $\frac{1}{64}$ $\frac{1}{4}$ "	18/3	19/9	1/4
27 "	$\frac{1}{8}$ $\frac{1}{16}$ $\frac{1}{32}$ 1 "	29/-	31/-	1/11
33 "	$\frac{1}{16}$ 1 $1\frac{1}{2}$ $1\frac{1}{2}$ "	47/6	50/3	2/11
	cutting 5 sizes			
10 "	$\frac{1}{8}$ $\frac{1}{16}$ $\frac{1}{32}$ $\frac{1}{64}$ $\frac{1}{2}$ "	10/-	11/4	-9
15 "	$\frac{1}{16}$ $\frac{1}{32}$ $\frac{1}{64}$ $\frac{1}{128}$ $\frac{1}{4}$ "	13/3	14/4	-11
18 "	$\frac{1}{32}$ $\frac{1}{64}$ $\frac{1}{128}$ $\frac{1}{256}$ $\frac{1}{8}$ "	15/6	17/3	1/1
21 "	$\frac{1}{16}$ $\frac{1}{32}$ $\frac{1}{64}$ $\frac{1}{128}$ $\frac{1}{4}$ "	20/3	22/-	1/4
24 "	$\frac{1}{8}$ $\frac{1}{16}$ $\frac{1}{32}$ $\frac{1}{64}$ $\frac{1}{16}$ "	26/3	28/3	1/8
27 "	$\frac{1}{4}$ $\frac{1}{8}$ $\frac{1}{16}$ $\frac{1}{32}$ 1 "	32/3	34/9	1/11
33 "	$\frac{1}{4}$ $\frac{1}{4}$ 1 $1\frac{1}{2}$ $1\frac{1}{2}$ "	53/-	55/9	2/11
39 "	1 $1\frac{1}{2}$ $1\frac{1}{2}$ $1\frac{1}{2}$ $1\frac{1}{2}$ "	83/-	87/-	4/6



Taper Tap



Plug Tap

No. 1115

Best Quality taps for stocks and dies No. 1111.

Cutting Whitworth Thread inch.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$		
Price per pair sh.	-6	-8	-10	-11		
Cutting Whitworth Thread inch.	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$
Price per pair sh.	1/2	1/3	1/6	2/-	2/8	3/3
Cutting Whitworth Thread 1. in.	1	1 1/2	1 3/4	1 7/8	1 1/2	
Price per pair sh.	4/2	5/5	6/9	8/2	9/8	
Cutting Whitworth Thread inch.	1 3/4	1 3/4	1 7/8	2		
Price per pair sh.	11/8	13/2	16/8	17/6		

No. 1113 Stocks and Dies with Cover-Lid for Blacksmiths etc.

With one pair of taps (taper and plug) to each size. Warranted Quality.



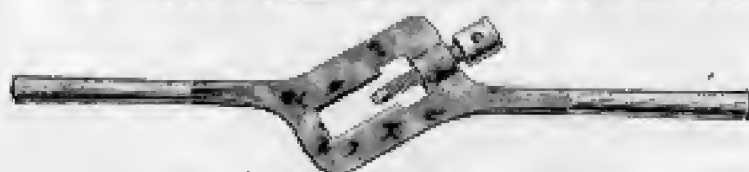
Length of stock	Cutting Whitworth thread of:	Price per set		Price of one pair of extra dies
		in paper parcels	on cards	
	cutting 3 sizes	sh.		sh.
7 inch	$\frac{1}{16}$ $\frac{3}{16}$ $\frac{1}{2}$	6/10	7/9	-/8
8 "	$\frac{3}{16}$ $\frac{1}{2}$ $\frac{3}{4}$	7/10	8/9	-/9
10 "	$\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{1}$	8/10	10/-	-/10
12 "	$\frac{3}{4}$ $\frac{1}{1}$ $\frac{1}{1}$	10/-	11/7	-/11
14 "	$\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	11/-	12/4	1/-
18 "	$\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	14/5	16/3	1/3
21 "	$\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	17/3	19.-	1/6
24 "	$\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	22/3	24/3	1/10
27 "	$\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	26/3	28/9	2/1
30 "	$\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	33/9	36/6	2/5
33 "	$\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	41/3	44/9	2/9
40 "	$\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	58/-	62/9	3/9
	cutting 4 sizes			
14 "	$\frac{1}{16}$ $\frac{3}{16}$ $\frac{1}{2}$ $\frac{3}{4}$	13/-	14/6	1/-
18 "	$\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$	16/9	18/6	1/3
21 "	$\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$	20/-	22/-	1/6
27 "	$\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{1}$ $\frac{1}{1}$	30/3	33/-	2/1
33 "	$\frac{3}{4}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	47/9	51/6	2/9
	cutting 5 sizes			
10 "	$\frac{1}{16}$ $\frac{3}{16}$ $\frac{1}{8}$ $\frac{1}{4}$ $\frac{1}{2}$	12/-	13/6	-/10
14 "	$\frac{1}{8}$ $\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$	15/6	17/3	1/-
18 "	$\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{1}$	18/9	20/6	1/3
21 "	$\frac{3}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{1}$ $\frac{1}{1}$	22/3	24/6	1/6
24 "	$\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	28/9	31/-	1/10
27 "	$\frac{3}{4}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	34/-	37/-	2/1
33 "	$\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	53/3	57/-	2/9
40 "	$\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$ $\frac{1}{1}$	80/6	86/-	3/9

For taps see No. 1115 on page 93 or No. 54 on page 97

Stocks and Dies of Highest Precision and Superior Quality.

High grade Finish, true Standard Whitworth Thread.

With Superior Quality Dies and Taps (taper and plug) to each size.



No. 52



No. 53
With Cover-Lid
for quick
changing of
dies.

Length of stock	Cutting Whitworth thread of	Price per set		In line polished wooden case	Price of one pair of extra dies
		In paper parcels	on cards		
inch.	cutting 3 sizes	sh.	sh.	sh.	sh.
7 "	$\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$	12/6	13/9	18/3	1/3
9 "	$\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$	13/6	14/9	19/6	1/4
10 "	$\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$	14/9	16/3	20/9	1/5
12 "	$\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$	16/9	18/-	22/6	1/6
14 "	$\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$	18/3	19/6	25/6	1/9
18 "	$\frac{7}{16}$ $\frac{1}{2}$ $\frac{5}{8}$	22/9	24/6	31/9	2/1
21 "	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$	28/9	31/-	39/6	2/5
24 "	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$	36/6	40/-	49/-	2/10
28 "	$\frac{3}{4}$ $\frac{7}{8}$ 1	46/-	49/3	64/-	3/8
32 "	$\frac{7}{8}$ 1 $1\frac{1}{8}$	64/-	74/-	90/-	5/3
36 "	1 $1\frac{1}{8}$ $1\frac{1}{4}$	83/-	95/-	114/-	6/9
44 "	1 $1\frac{1}{4}$ $1\frac{1}{2}$	113/6	125/-	159/-	8/11
50 "	$1\frac{1}{4}$ $1\frac{1}{2}$ $1\frac{3}{4}$	167/6	180/-	238/-	11/3
60 "	$1\frac{1}{2}$ $1\frac{3}{4}$ 2	236/-	260/-	342/-	13/6
	cutting 4 sizes				
14 "	$\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$	22/9	24/-	30/-	1/9
18 "	$\frac{1}{4}$ $\frac{5}{16}$ $\frac{1}{2}$ $\frac{3}{8}$	26/9	28/6	36/-	2/1
21 "	$\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$	33/6	35/9	44/3	2/5
28 "	$\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$ 1	54/-	57/3	72/-	3/8
36 "	$\frac{7}{16}$ 1 $1\frac{1}{16}$ $1\frac{1}{8}$	96/6	108/-	127/-	6/9
	cutting 5 sizes				
10 "	$\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$	21/-	22/6	27/9	1/3
14 "	$\frac{1}{4}$ $\frac{5}{16}$ $\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$	26/3	27/9	34/-	1/9
18 "	$\frac{3}{8}$ $\frac{7}{16}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$	30/6	32/3	40/6	2/1
21 "	$\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ $\frac{15}{16}$	38/-	40/6	50/-	2/5
24 "	$\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ $\frac{15}{16}$ 1	47/-	50/3	61/-	2/10
28 "	$\frac{3}{4}$ $\frac{7}{8}$ $\frac{15}{16}$ 1 $1\frac{1}{16}$	60/3	64/-	80/-	3/8
36 "	$\frac{7}{8}$ $\frac{15}{16}$ 1 $1\frac{1}{16}$ $1\frac{1}{8}$	109/-	120/-	140/-	6/9
44 "	1 $1\frac{1}{16}$ $1\frac{1}{8}$ $1\frac{1}{4}$ $1\frac{1}{2}$	164/-	176/-	210/-	8/11

No. 54 Superior Quality Taps for above stocks and dies.

Illustration and Prices for same see next page.



No. 54 Superior Quality
Taps (Taper and Plug).
Whitworth Thread
for Stocks and Dies No. 52 and 53



cutting inch	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$
per pair sh.	18	19	111	21	23	27	210	41	55	69
cutting inch	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$
per pair sh.	89	126	156	196	226	293	338	389	446	

For these taps in sets of three see No. 1117 on page 108.



No. 1112 Complete Sets of Stocks and Dies in polished wooden case.
Quality as No. 1111. Whitworth Thread. Each set containing:
2 Die-Stocks, 2 Tap-wrenches, 2 Tommies, 1 pair of Dies and Taps
(taper and plug) to each size.

A) cutting inch	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	—	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$	complete set sh.
B)	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	—	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$	54-
C)	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	—	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$	58-
D)	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	—	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$	77-
E)	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	—	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$	83-
F)	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	—	$\frac{3}{4}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$	80-

No. 41 Complete Sets of Stocks and Dies in polished wooden
case. With Cover-Lid. Quality as No. 1113 on page 94.
The same sizes and prices as No. 1112.

Highest Superior Quality Stocks and Dies

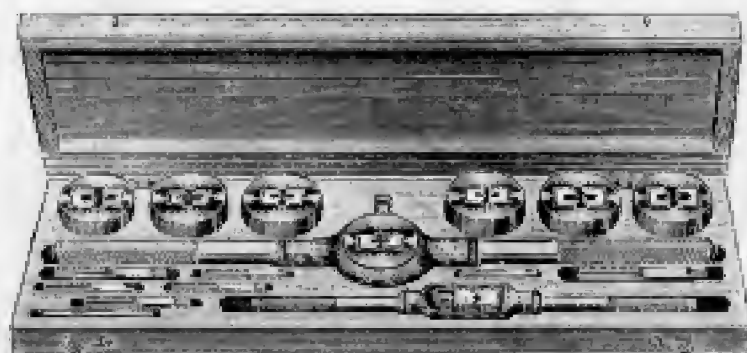
in Complete Sets. Cases inside and outside fine polished. True Whitworth Thread. With adjustable Tapwrenches and Dies and Taps (saper and plug) of Superior Quality.

No. 55
Fully
warranted.



No. 55
Highest
Precision.

A) cutting inch.	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	7 3/4	8	8 1/4	8 1/2	8 3/4	9	9 1/4	9 1/2	9 3/4	10	10 1/4	10 1/2	10 3/4	11	11 1/4	11 1/2	11 3/4	12	12 1/4	12 1/2	12 3/4	13	13 1/4	13 1/2	13 3/4	14	14 1/4	14 1/2	14 3/4	15	15 1/4	15 1/2	15 3/4	16	16 1/4	16 1/2	16 3/4	17	17 1/4	17 1/2	17 3/4	18	18 1/4	18 1/2	18 3/4	19	19 1/4	19 1/2	19 3/4	20	20 1/4	20 1/2	20 3/4	21	21 1/4	21 1/2	21 3/4	22	22 1/4	22 1/2	22 3/4	23	23 1/4	23 1/2	23 3/4	24	24 1/4	24 1/2	24 3/4	25	25 1/4	25 1/2	25 3/4	26	26 1/4	26 1/2	26 3/4	27	27 1/4	27 1/2	27 3/4	28	28 1/4	28 1/2	28 3/4	29	29 1/4	29 1/2	29 3/4	30	30 1/4	30 1/2	30 3/4	31	31 1/4	31 1/2	31 3/4	32	32 1/4	32 1/2	32 3/4	33	33 1/4	33 1/2	33 3/4	34	34 1/4	34 1/2	34 3/4	35	35 1/4	35 1/2	35 3/4	36	36 1/4	36 1/2	36 3/4	37	37 1/4	37 1/2	37 3/4	38	38 1/4	38 1/2	38 3/4	39	39 1/4	39 1/2	39 3/4	40	40 1/4	40 1/2	40 3/4	41	41 1/4	41 1/2	41 3/4	42	42 1/4	42 1/2	42 3/4	43	43 1/4	43 1/2	43 3/4	44	44 1/4	44 1/2	44 3/4	45	45 1/4	45 1/2	45 3/4	46	46 1/4	46 1/2	46 3/4	47	47 1/4	47 1/2	47 3/4	48	48 1/4	48 1/2	48 3/4	49	49 1/4	49 1/2	49 3/4	50	50 1/4	50 1/2	50 3/4	51	51 1/4	51 1/2	51 3/4	52	52 1/4	52 1/2	52 3/4	53	53 1/4	53 1/2	53 3/4	54	54 1/4	54 1/2	54 3/4	55	55 1/4	55 1/2	55 3/4	56	56 1/4	56 1/2	56 3/4	57	57 1/4	57 1/2	57 3/4	58	58 1/4	58 1/2	58 3/4	59	59 1/4	59 1/2	59 3/4	60	60 1/4	60 1/2	60 3/4	61	61 1/4	61 1/2	61 3/4	62	62 1/4	62 1/2	62 3/4	63	63 1/4	63 1/2	63 3/4	64	64 1/4	64 1/2	64 3/4	65	65 1/4	65 1/2	65 3/4	66	66 1/4	66 1/2	66 3/4	67	67 1/4	67 1/2	67 3/4	68	68 1/4	68 1/2	68 3/4	69	69 1/4	69 1/2	69 3/4	70	70 1/4	70 1/2	70 3/4	71	71 1/4	71 1/2	71 3/4	72	72 1/4	72 1/2	72 3/4	73	73 1/4	73 1/2	73 3/4	74	74 1/4	74 1/2	74 3/4	75	75 1/4	75 1/2	75 3/4	76	76 1/4	76 1/2	76 3/4	77	77 1/4	77 1/2	77 3/4	78	78 1/4	78 1/2	78 3/4	79	79 1/4	79 1/2	79 3/4	80	80 1/4	80 1/2	80 3/4	81	81 1/4	81 1/2	81 3/4	82	82 1/4	82 1/2	82 3/4	83	83 1/4	83 1/2	83 3/4	84	84 1/4	84 1/2	84 3/4	85	85 1/4	85 1/2	85 3/4	86	86 1/4	86 1/2	86 3/4	87	87 1/4	87 1/2	87 3/4	88	88 1/4	88 1/2	88 3/4	89	89 1/4	89 1/2	89 3/4	90	90 1/4	90 1/2	90 3/4	91	91 1/4	91 1/2	91 3/4	92	92 1/4	92 1/2	92 3/4	93	93 1/4	93 1/2	93 3/4	94	94 1/4	94 1/2	94 3/4	95	95 1/4	95 1/2	95 3/4	96	96 1/4	96 1/2	96 3/4	97	97 1/4	97 1/2	97 3/4	98	98 1/4	98 1/2	98 3/4	99	99 1/4	99 1/2	99 3/4	100	100 1/4	100 1/2	100 3/4	101	101 1/4	101 1/2	101 3/4	102	102 1/4	102 1/2	102 3/4	103	103 1/4	103 1/2	103 3/4	104	104 1/4	104 1/2	104 3/4	105	105 1/4	105 1/2	105 3/4	106	106 1/4	106 1/2	106 3/4	107	107 1/4	107 1/2	107 3/4	108	108 1/4	108 1/2	108 3/4	109	109 1/4	109 1/2	109 3/4	110	110 1/4	110 1/2	110 3/4	111	111 1/4	111 1/2	111 3/4	112	112 1/4	112 1/2	112 3/4	113	113 1/4	113 1/2	113 3/4	114	114 1/4	114 1/2	114 3/4	115	115 1/4	115 1/2	115 3/4	116	116 1/4	116 1/2	116 3/4	117	117 1/4	117 1/2	117 3/4	118	118 1/4	118 1/2	118 3/4	119	119 1/4	119 1/2	119 3/4	120	120 1/4	120 1/2	120 3/4	121	121 1/4	121 1/2	121 3/4	122	122 1/4	122 1/2	122 3/4	123	123 1/4	123 1/2	123 3/4	124	124 1/4	124 1/2	124 3/4	125	125 1/4	125 1/2	125 3/4	126	126 1/4	126 1/2	126 3/4	127	127 1/4	127 1/2	127 3/4	128	128 1/4	128 1/2	128 3/4	129	129 1/4	129 1/2	129 3/4	130	130 1/4	130 1/2	130 3/4	131	131 1/4	131 1/2	131 3/4	132	132 1/4	132 1/2	132 3/4	133	133 1/4	133 1/2	133 3/4	134	134 1/4	134 1/2	134 3/4	135	135 1/4	135 1/2	135 3/4	136	136 1/4	136 1/2	136 3/4	137	137 1/4	137 1/2	137 3/4	138	138 1/4	138 1/2	138 3/4	139	139 1/4	139 1/2	139 3/4	140	140 1/4	140 1/2	140 3/4	141	141 1/4	141 1/2	141 3/4	142	142 1/4	142 1/2	142 3/4	143	143 1/4	143 1/2	143 3/4	144	144 1/4	144 1/2	144 3/4	145	145 1/4	145 1/2	145 3/4	146	146 1/4	146 1/2	146 3/4	147	147 1/4	147 1/2	147 3/4	148	148 1/4	148 1/2	148 3/4	149	149 1/4	149 1/2	149 3/4	150	150 1/4	150 1/2	150 3/4	151	151 1/4	151 1/2	151 3/4	152	152 1/4	152 1/2	152 3/4	153	153 1/4	153 1/2	153 3/4	154	154 1/4	154 1/2	154 3/4	155	155 1/4	155 1/2	155 3/4	156	156 1/4	156 1/2	156 3/4	157	157 1/4	157 1/2	157 3/4	158	158 1/4	158 1/2	158 3/4	159	159 1/4	159 1/2	159 3/4	160	160 1/4	160 1/2	160 3/4	161	161 1/4	161 1/2	161 3/4	162	162 1/4	162 1/2	162 3/4	163	163 1/4	163 1/2	163 3/4	164	164 1/4	164 1/2	164 3/4	165	165 1/4	165 1/2	165 3/4	166	166 1/4	166 1/2	166 3/4	167	167 1/4	167 1/2	167 3/4	168	168 1/4	168 1/2	168 3/4	169	169 1/4	169 1/2	169 3/4	170	170 1/4	170 1/2	170 3/4	171	171 1/4	171 1/2	171 3/4	172	172 1/4	172 1/2	172 3/4	173	173 1/4	173 1/2	173 3/4	174	174 1/4	174 1/2	174 3/4	175	175 1/4	175 1/2	175 3/4	176	176 1/4	176 1/2	176 3/4	177	177 1/4	177 1/2	177 3/4	178	178 1/4	178 1/2	178 3/4	179	179 1/4	179 1/2	179 3/4	180	180 1/4	180 1/2	180 3/4	181	181 1/4	181 1/2	181 3/4	182	182 1/4	182 1/2	182 3/4	183	183 1/4	183 1/2	183 3/4	184	184 1/4	184 1/2	184 3/4	185	185 1/4	185 1/2	185 3/4	186	186 1/4	186 1/2	186 3/4	187	187 1/4	187 1/2	187 3/4	188	188 1/4	188 1/2	188 3/4	189	189 1/4	189 1/2	189 3/4	190	190 1/4	190 1/2	190 3/4	191	191 1/4	191 1/2	191 3/4	192	192 1/4	192 1/2	192 3/4	193	193 1/4	193 1/2	193 3/4	194	194 1/4	194 1/2	194 3/4	195	195 1/4	195 1/2	195 3/4	196	196 1/4	196 1/2	196 3/4	197	197 1/4	197 1/2	197 3/4	198	198 1/4	198 1/2	198 3/4	199	199 1/4	199 1/2	199 3/4	200	200 1/4	200 1/2	200 3/4	201	201 1/4	201 1/2	201 3/4	202	202 1/4	202 1/2	202 3/4	203	203 1/4	203 1/2	203 3/4	204	204 1/4	204 1/2	204 3/4	205	205 1/4	205 1/2	205 3/4	206	206 1/4	206 1/2	206 3/4	207	207 1/4	207 1/2	207 3/4	208	208 1/4	208 1/2	208 3/4	209	209 1/4	209 1/2	209 3/4	210	210 1/4	210 1/2	210 3/4	211	211 1/4	211 1/2	211 3/4	212	212 1/4	212 1/2	212 3/4	213	213 1/4	213 1/2	213 3/4	214	214 1/4	214 1/2	214 3/4	215	215 1/4	215 1/2	215 3/4	216	216 1/4	216 1/2	216 3/4	217	217 1/4	217 1/2	217 3/4	218	218 1/4	218 1/2	218 3/4	219	219 1/4	219 1/2	219 3/4	220	220 1/4	220 1/2	220 3/4	221	221 1/4	221 1/2	221 3/4	222	222 1/4	222 1/2	222 3/4	223	223 1/4	223 1/2	223 3/4	224	224 1/4	224 1/2	224 3/4	225	225 1/4	225 1/2	225 3/4	226	226 1/4	226 1/2	226 3/4	227	227 1/4	227 1/2	227 3/4	228	228 1/4	228 1/2	228 3/4	229	229 1/4	229 1/2	229 3/4	230	230 1/4	230 1/2	230 3/4	231	231 1/4	231 1/2	231 3/4	232	232 1/4	232 1/2	232 3/4	233	233 1/4	233 1/2	233 3/4	234	234 1/4	234 1/2	234 3/4	235	235 1/4	235 1/2	235 3/4	236	236 1/4	236 1/2	236 3/4	237	237 1/4	237 1/2	237 3/4	238	238 1/4	238 1/2	238 3/4	239	239 1/4	239 1/2	239 3/4	240	240 1/4	240 1/2	240 3/4	241	241 1/4	241 1/2	241 3/4	242	242 1/4	242 1/2	242 3/4	243	243 1/4	243 1/2	243 3/4	244	244 1/4	244 1/2	244 3/4	245	245 1/4	245 1/2	245 3/4	246	246 1/4	246 1/2	246 3/4	247	247 1/4	247 1/2	247 3/4	248	248 1/4	248 1/2	248 3/4	249	249 1/4	249 1/2	249 3/4	250	250 1/4	250 1/2	250 3/4	251	251 1/4	251 1/2	251 3/4	252	252 1/4	252 1/2	252 3/4	253	253 1/4	253 1/2	253 3/4	254	254 1/4	254 1/2	254 3/4	255	255 1/4	255 1/2	255 3/4	256	256 1/4	256 1/2	256 3/4	257	257 1/4	257 1/2	257 3/4	258	258 1/4	258 1/2	258 3/4	259	259 1/4	259 1/2	259 3/4	260	260 1/4	260 1/2	260 3/4	261	261 1/4	261 1/2	261 3/4	262	262 1/4	262 1/2	262 3/4	263	263 1/4	263 1/2	263 3/4	264	264 1/4	264 1/2	264 3/4	265	265 1/4	265 1/2	265 3/4	266	266 1/4	266 1/2	266 3/4	267	267 1/4	267 1/2	267 3/4	268	268 1/4	268 1/2	268 3/4	269	269 1/4	269 1/2	269 3/4	270	270 1/4	270 1/2	270 3/4	271	271 1/4	271 1/2	271 3/4	272	272 1/4	272 1/2	272 3/4	273	273 1/4	273 1/2	273 3/4	274	274 1/4	274 1/2	274 3/4	275	275 1/4	275 1/2	275 3/4	276	276 1/4	276 1/2	276 3/4	277	277 1/4	277 1/2	277 3/4	278	278 1/4	278 1/2	278 3/4	279	279 1/4	279 1/2	279 3/4	280	280 1/4	280 1/2	280 3/4	281	281 1/4	281 1/2	281 3/4	282	282 1/4	282 1/2	282 3/4	283	283 1/4	283 1/2	283 3/4	284	284 1/4	284 1/2	284 3/4	285	285 1/4	285 1/2	285 3/4	286	286 1/4	286 1/2	286 3/4	287	287 1/4	287 1/2	287
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No. 1571 „Little Giant“ Pattern Stocks and Dies.

Superior Quality in fine polished wooden case with adjustable Tapwrench and taps.

Diameter of collet	Length of stock	cutting (inches) Whitworth-Thread	Americ. No.	Price per set	
				With one tap to each size (Ready Tap)	Americ. No. With 2 taps to each size tap second piece
Sets with one Die-Stock					
1 1/2	7 1/2	1/2 1/2 1/2 1/2 1/2 1/2	A 1	39/6	
1 1/2	7 1/2	1/2 1/2 1/2 1/2 1/2 1/2	A 1 1/2	49/9	
1 1/2	13 1/2	1/2 1/2 1/2 1/2 1/2 1/2	A 9	54/9	
2	14 1/2	1/2 1/2 1/2 1/2 1/2 1/2	* 1	63/6	101
2 1/2	23	1/2 1/2 1/2 1/2 1/2 1/2	2	78/-	102
2 1/2	23	1/2 1/2 1/2 1/2 1/2 1/2	* 5	94/3	105
2 1/2	23	1/2 1/2 1/2 1/2 1/2 1/2	5 1/2	105/3	105 1/2
2 1/2	26	1/2 1/2 1/2 1/2 1/2 1/2	3	90/-	103
2 1/2	26	1/2 1/2 1/2 1/2 1/2 1/2	4	100/-	104
2 1/2	26	1/2 1/2 1/2 1/2 1/2 1/2	6	120/-	106
2 1/2	26	1/2 1/2 1/2 1/2 1/2 1/2	* 7	144/-	107
2 1/2	26	1/2 1/2 1/2 1/2 1/2 1/2	7 1/2	151/6	107 1/2
4	40	1 1/2 1 1/2 1 1/2 1 1/2	20	183/-	120
4 1/2	52	1 1/2 1 1/2 1 1/2 1 1/2	30	202/-	130
4 1/2	52	1 1/2 1 1/2 1 1/2 1 1/2	25	240/-	125
Sets with two Die-Stocks					
1 1/2 1 1/2	7 1/2 13 1/2	1/2 1/2 1/2 1/2 1/2 1/2	A 10	62/6	—
2 2 1/2	14 1/2 23	1/2 1/2 1/2 1/2 1/2 1/2	8	102/9	108
2 2 1/2	14 1/2 28	1/2 1/2 1/2 1/2 1/2 1/2	9	149/-	109
2 2 1/2	14 1/2 29	1/2 1/2 1/2 1/2 1/2 1/2	9 1/2	160/-	109 1/2
4 4	23 40	1 1/2 1 1/2 1 1/2 1 1/2	40	235/-	140
2 1/2 4 1/2	26 52	1 1/2 1 1/2 1 1/2 1 1/2	50	315/-	150

* If required the sets No. 1, 5 and 7 will be supplied for S.A.E. thread.



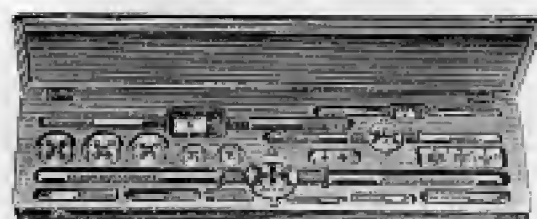
Extra Dies for No. 1571.

inch.	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	3 1/4	3 1/2	4	4 1/4	4 1/2
per pair sh.	4/9	6/-	6/-	7/3	7/3	8/6	9/9	13/3	13/3	10/3	19/3	24/-	24/-		

For prices of Extra Dies with Collets and Guides see No. 1573 on next page

No. 51

Fully
warranted.
Superior
Quality.



No. 51

Simplified
System.
High
Precision.

Sets with 2 or 3 Die-Stocks, Simplified System.

High Precision. Superior Quality. Beautiful finish. Wood Cases are fine brown polished inside and outside. Adjustable tapwrenches. Superior quality Dies and Taps (No. 52).

Set No	Cutting Whitworth Thread of:	Price per set		
		with one tap for each size	with 2 taps (taper and plug) for each size	with 3 taps (taper, second plug) for each size
18	$\frac{1}{16}$ $\frac{3}{16}$ $\frac{1}{2}$ — } $\frac{5}{16}$ $\frac{3}{4}$ $\frac{7}{8}$ $\frac{1}{2}$ }	69/3	78/6	87
19	$\frac{1}{4}$ $\frac{3}{8}$ $\frac{1}{2}$ — } $\frac{5}{8}$ $\frac{3}{4}$ $\frac{7}{8}$ $\frac{1}{2}$ }	88/-	101/-	113/-
20	$\frac{3}{8}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ — } $\frac{7}{8}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{2}$ }	104/-	118/-	134/-
21	$\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{2}$ — } $\frac{3}{4}$ $\frac{1}{2}$ $\frac{1}{2}$ 1 }	133/-	151/-	169/-
22	$\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ — } $\frac{3}{4}$ $\frac{1}{2}$ $\frac{1}{2}$ 1 }	144/-	165/-	175/-
23	$\frac{3}{4}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{3}{4}$ — } $\frac{1}{2}$ 1 $1\frac{1}{2}$ $1\frac{1}{4}$ }	230/-	263/-	290/-
24	$\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{2}$ — } $\frac{3}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{2}$ — } $\frac{1}{2}$ 1 $1\frac{1}{2}$ $1\frac{1}{4}$ }	250/-	285/-	320/-
25	$\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{2}$ — } $\frac{3}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{2}$ — } $1\frac{1}{2}$ $1\frac{1}{4}$ $1\frac{3}{4}$ $1\frac{1}{2}$ }	390/-	447/-	505/-
26	$\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ — } $\frac{3}{4}$ $\frac{1}{2}$ $\frac{3}{4}$ $\frac{1}{2}$ — } $\frac{1}{2}$ 1 — $1\frac{1}{2}$ $1\frac{1}{4}$ $1\frac{3}{4}$ $1\frac{1}{2}$ }	400/-	461/-	520/-

For prices of extra dies and guides see No. 50 on page 100.

For prices of loose taps for No. 51 see No. 54 on page 97.

Oblique Stocks and Dies for Iron Gas Pipes.

Warranted Quality.

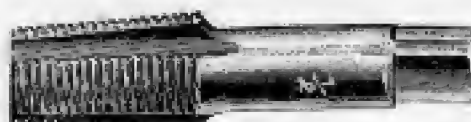


No. 46 a without taps.

No. 46 b with taps (taper and plug)
to each size.

Length of Stock	Cutting Iron Gas Pipe of:	No. 46 a without taps Price per set		No. 46 b with taps Price per set		Price of one pair of Taps 12.5
		in paper parcels	on card	in paper parcels	on card	
inch.	inch.	sh.	sh.	sh.	sh.	sh.
15	$\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$	7.9	8.9	12.0	13.9	1/2
18	$\frac{3}{4}$, $\frac{7}{8}$, $1\frac{1}{2}$	10.9	12.-	16.9	18.3	1/6
20	$\frac{3}{4}$, $\frac{7}{8}$, $\frac{5}{8}$	12.9	14.-	20.3	22.-	1/10
24	$\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$	15.9	17.-	24.-	25.9	2/3
28	$\frac{3}{4}$, $\frac{5}{8}$, 1	23.9	25.6	35.6	37.9	3/-
32	$\frac{3}{4}$, 1, $1\frac{1}{4}$	34.6	37.-	51.9	54.9	5/2
36	1, $1\frac{1}{4}$, $1\frac{1}{2}$	46.9	50.-	70.3	74.-	7/4
44	1, 1, 2	69.-	74.-	106.6	112.9	8/5

Warranted



Taper Tap

Quality.



Plug Tap

No. 47 Taps for Iron Gas Pipes.

cutting pipe-thread of inch.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
per pair sh.	14	16	1.00	2.7	3.3	3.11	4.10	5.5	6.11	7.6
cutting pipe-thread of inch.	$1\frac{1}{8}$	$1\frac{1}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	3	$3\frac{1}{2}$	4	
per pair sh.	10.6	15.-	19.6	24.-	28.6	36.-	53.3	75.-	114.-	

Stocks and Dies for Iron-Gas-Pipes.
(Without taps)

Fully
Warranted.
Highest
Precision.



American
pattern.
Simplified
System.

No. 42 American pattern. Simplified System. Every set in white wood cases as illustrated.

Set No.	cutting iron gas pipe inch	Price per set sh.	Price of Extra Dies per pair sh.	Price of Extra Guides each sh.
1	$\frac{1}{8}$ - $\frac{1}{4}$	17 6	2 9	1 2
2	$\frac{1}{4}$ - $\frac{3}{8}$	28 6	3 5	1 4
3	$\frac{3}{8}$ - $\frac{1}{2}$	30 -	3 5	1 4
4	$\frac{1}{2}$ - $\frac{3}{4}$	38 9	4 6	1 8
5	$\frac{3}{4}$ - $\frac{1}{2}$ - $\frac{1}{2}$	45 3	4 6	1 8
6	$\frac{1}{2}$ - $\frac{3}{4}$ - 1	61 3	5 6	3 5
7	$\frac{3}{4}$ - $\frac{1}{2}$ - 1	71 -	6 6	3 5
8	$\frac{1}{4}$ - $\frac{3}{8}$ - $\frac{1}{2}$ - $\frac{3}{4}$ - 1	81 -	8 6	5 5
9	$\frac{3}{4}$ - 1 - $1\frac{1}{4}$	91 6	10 4	5 5
10	$\frac{1}{2}$ - $\frac{3}{4}$ - 1 - $1\frac{1}{4}$	107 -	10 4	5 5
11	1 - $1\frac{1}{4}$ - $1\frac{1}{2}$	109 -	12 -	6 9
12	$\frac{3}{4}$ - 1 - $1\frac{1}{4}$ - $1\frac{1}{2}$	128 -	12 -	6 9
13	$1\frac{1}{4}$ - $1\frac{1}{2}$ - 2	131 6	16 3	8 2
14	1 - $1\frac{1}{4}$ - $1\frac{1}{2}$ - 2	156 -	16 3	8 2

No. 42 1/2

Gas Taps
for
Iron
Pipes.



High Precision.
Warranted Superior Quality.
Hollows or Grooves are
polished.

Cutting pipe-thread of inch	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
per pair sh.	2 9	3 -	3 6	4 8	5 8	6 9	8 2	9 9	13 -	16 5
Cutting pipe-thread of inch	$1\frac{1}{2}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$2\frac{1}{2}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	
per pair sh.	22 3	30 9	40 3	50 -	59 6	71 -	81 -	135 -	216 -	

Stocks and Dies for Iron-Gas-Pipes.
American or Walworth Pattern.

(These Stocks and Dies are usually delivered without laps.)



No. 1118 With Solid Dies of one piece. (Without laps.)

	Size No. Cutting inch.			1			2			3		
	1	1 1/4	1 1/2	1 1/4	1 1/2	1 3/4	1 1/4	1 1/2	1 3/4	1 1/4	1 1/2	1 3/4
Price per set sh.	16/-			17 6			34 6			23 6		
of Extra Dies each . .	2 7			2 10			2 10			4 2		
Extra Guides	- 6			- 8			- 8			- 9		

	Size No. Cutting inch.			4			5			6		
	1	1 1/4	1 1/2	1 1/4	1 1/2	1 3/4	1 1/4	1 1/2	1 3/4	1 1/4	1 1/2	1 3/4
Price per set sh.	26 6			33 6			74 6			21 5		
of Extra Dies each. sh.	4 10			6 2			12			2 7		
Extra Guides	- 11			- 12			- 13			- 14		



No. 1118 1/2 With Split Dies. (Without laps.)

	Size No. Cutting inch.			2			3			4		
	1	1 1/4	1 1/2	1 1/4	1 1/2	1 3/4	1 1/4	1 1/2	1 3/4	1 1/4	1 1/2	1 3/4
Price per set sh.	19 -			26 -			36 -			31 -		
of Extra Dies pr. pair .	3 8			4 10			4 10			7 6		
Extra Guides each . .	- 6			- 8			- 8			- 6		

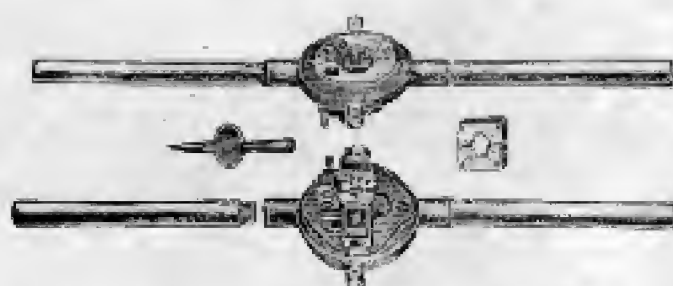
	Size No. Cutting inch.			6			7			8		
	1	1 1/4	1 1/2	1 1/4	1 1/2	1 3/4	1 1/4	1 1/2	1 3/4	1 1/4	1 1/2	1 3/4
Price per set sh.	39 -			48 -			116 -			221 -		
of Extra Dies pr. pair .	9 -			10 6			26 6			43 6		
Extra Guides each . .	- 11			12			27			7 -		

Stocks and Dies for Iron-Gas Pipes.
(Without taps)



No. 1575 „Little Giant“ Pattern for Iron Gas Pipes.
With split dies and guides, without taps.

	Size cutting iron gas pipe inch	1	2	3
		$\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$	$1\frac{1}{2}$, 2, $2\frac{1}{2}$, 3	$3\frac{1}{2}$, $4\frac{1}{2}$, 5
a) in white wood case	per set sh.	36.6	49.6	83.6
b) in polished „	„ „ „ „	42.-	55.-	92.6



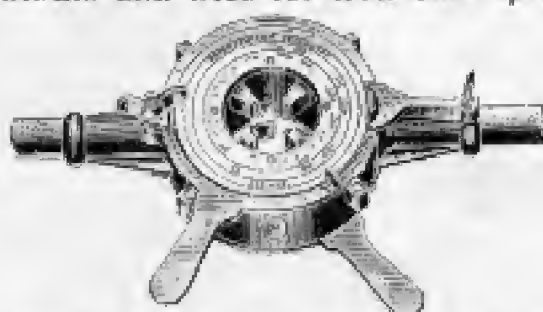
No. 1413¹: Called „The Bergische“. Cutting a full thread by passing once over.
With split dies and adjustable guide which can be removed.

	Size cutting iron gas pipe inch	1	2	3	4	4a	5
		$\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{2}$, $\frac{3}{4}$, 1	$\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{4}$, 1, $1\frac{1}{2}$
Price per set	sh.	21.3	27.9	35.3	41.9	54.6	59.3
„ of Extra Dies per pair		3.6	4.4	5.5	6.4	6.4	8.9

	Size cutting iron gas pipe inch	6	7	7a	8	9
		$1\frac{1}{2}$, $1\frac{1}{2}$	$1\frac{1}{2}$, $1\frac{1}{2}$, 2	$1\frac{1}{2}$, $1\frac{1}{2}$, $1\frac{1}{2}$, 2	$2\frac{1}{2}$, 3	$3\frac{1}{2}$, 4
Price per set	sh.	67.6	97.-	101.-	170.-	340.-
„ of Extra Dies per pair		11.3	14.3	14.3	28.-	54.-

Stocks and Dies for Iron-Gas-Pipes.

**Fully
Warranted.**



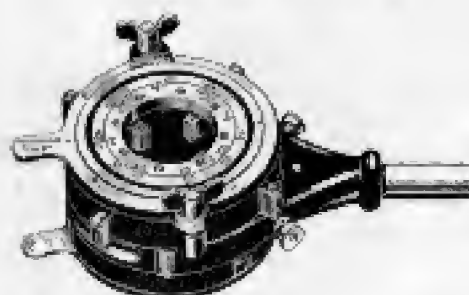
**Superior
Quality.**

No. 44 Excelsior Pattern. Cutting a full thread by passing once over

Size No.	No. of Die-sets	cutting iron gas pipes inch	Price per set with dies sh.	Price of Extra Dies per set sh.
1	3	$\frac{1}{2}$ - $\frac{3}{4}$ $\frac{3}{4}$ - $\frac{1}{2}$	46/9	11/9
1½	3	$\frac{1}{2}$ - $\frac{1}{2}$ $\frac{3}{4}$ - $\frac{1}{2}$ $\frac{1}{2}$	55/3	12/8
2	3	$\frac{3}{4}$ $\frac{3}{4}$ - $\frac{1}{2}$ $\frac{3}{4}$ - 1	55/3	12/8
3	3	$\frac{1}{2}$ $\frac{3}{4}$ - $\frac{1}{2}$ $\frac{3}{4}$ - 1 1½	67/3	14/4
4	2	1 1½ - 1½ 1½ 2	85/9	16/10
5	3	$\frac{1}{2}$ $\frac{3}{4}$ - 1 1½ - 1½ 1½ 2	96/-	16/10
6	2	1½ 1½ 2 - 2½ 2½ 2½ 3	157/-	25/3
7	2	2½ 2½ 2½ 3 - 3½ 4	2 9/-	28/9
8	2	4 5 - 5½ 6	440/-	76/-

Left hand dies 5% extra.

**Superior
Quality.
Fully
Warranted.**

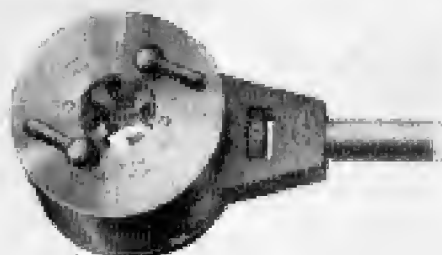


**Excelsior
Pattern with
Ratchet.
Single ended.**

No. 43 Excelsior Pattern with Ratchet. Cutting a full thread by passing once over.

Size No.	No. of Die-sets	cutting iron gas pipes inch	Price per set with dies sh.	Price of Extra Dies per set sh.
1½	3	$\frac{1}{2}$ - $\frac{1}{2}$ $\frac{3}{4}$ - $\frac{1}{2}$ $\frac{3}{4}$	143/-	12/8
2	3	$\frac{3}{4}$ $\frac{3}{4}$ - $\frac{1}{2}$ $\frac{3}{4}$ - 1	143/-	12/8
3	3	$\frac{1}{2}$ $\frac{3}{4}$ - $\frac{1}{2}$ $\frac{3}{4}$ - 1 1½	168/-	14/4
4	2	1 1½ - 1½ 1½ 2	202/-	16/10
5	3	$\frac{1}{2}$ $\frac{3}{4}$ - 1 1½ - 1½ 1½ 2	219/-	16/10
6	2	1½ 1½ 2 - 2½ 2½ 2½ 3	320/-	25/3
7	2	2½ 2½ 2½ 3 - 3½ 4	437/-	28/9

Left hand dies 5% extra.



No. 1608 Single Ended Ratchet Die Stock for Iron-Gas-Pipes.

Latest model. Very handy. Cutting a full thread by passing once over. With instantaneous left or right-hand adjustment.

Size No.	No. of Die-sets	Cutting iron gas pipes inch.	Price per set with dies sh.	Price of Extra Dies per set sh.
1 1/2	3	1 1/2 — 1 1/4 3/4 — 1 1/2 3/4	143.-	12 8
2	3	2 1/4 3/4 — 1 3/4 3/4 — 1	143.-	12 8
3	3	3 1/4 3/4 — 1 3/4 3/4 — 1 1 1/2	168.-	14 4
3 1/2	3	3 3/4 3/4 — 1 1 1/2 1 1/2	168.-	14 4
4	2	1 1 1/2 — 1 1 1/2 2	202.-	16 10
5	3	1 3/4 3/4 — 1 1 1/2 1 1/2 2	219.-	16 10
6	2	1 1 1/2 1 1/2 2 — 2 1/2 2 1/2 3	320.-	25 3
7	2	2 1/2 2 1/2 2 1/2 3 — 3 1/2 4	437.-	28 9

Stocks and Dies for Electricians to cut Bergmann Tubes.



No. 1112 1/2 Screws a clean and perfect thread by passing once over.

Size No.	Cutting Tubes of inside diameter mm	Stocks without Dies and Guides	Price of one pair of Dies	Price of one Guide
1	7 9 11 13 15 21	6 6	2 9	— 6
2	29 36	10 10	6 -	1 -

No. 1112 3/4 Taps for above Stocks and Dies No. 1112.

mm	7	9	11	13 1/2	15	21	29	36
each sh.	1 3	1 11	2 2	2 5	2 11	3 2	5 2	9 6



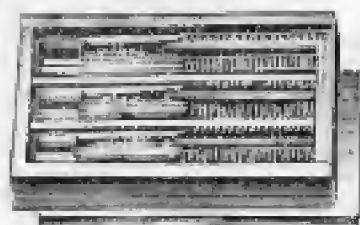
No. 1125 Gas Stocks and Dies for cutting Brass-Pipes.
With one set of dies and taps (lapper and plug) to each size.
Brass-Thread = 26 Threads per inch.

Set No.	Cutting inch	Price per set	Set No.	Cutting inch.	Price per set
1	$\frac{1}{4}$	10 5	7	$\frac{1}{2}$	29 -
2	$\frac{3}{8}$	11 5	8	$\frac{5}{8}$	28 9
3	$\frac{1}{2}$	14 1	9	$\frac{3}{4}$	34 6
4	$\frac{5}{8}$	15 10	10	$\frac{7}{8}$	17 9
5	$\frac{3}{4}$	18 -	11	1	15 -
6	$\frac{7}{8}$	20 3			

No. 45 Taps for Brass Pipes. (26 Threads per inch.)

per pair	sh.	$\frac{1}{8}$	$\frac{5}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1
(lapper and plug)										

Good Quality
Taps.



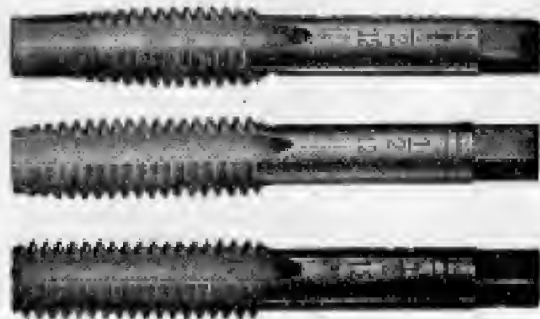
In Sets of three.
(Taper, Second and Plug)
Cutting Whitworth
Thread.

No. 1114 Sets of 3 taps with 4 bright grooves.

A) wrapped in paper without wooden box. B) in wooden box as illustrated.

	inch	$\frac{1}{8}$	$\frac{5}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 1/8	1 1/4	1 3/8	1 1/2
A) per set sh.		1 6	1 8	1 9	1 10	2 1	2 3	2 8	3 6	4 6	5 11	7 6	9 6	11 6
B) " " "		1 10	1 11	2 1	2 3	2 6	2 9	3 2	4 3	5 5	7 9	9 11	11 3	13 9

Superior
Quality.
Fully
Warranted.



High Precision.
Fine Finish.
Polished
Grooves.

No. 1117 Sets of 3 Superior Quality taps in wooden box.
The same taps as No. 54 illustrated on page 97 but in sets of three
(lapper, plug, balloning) Whitworth Thread.

inch	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	1 1/8	1 1/4	1 3/8	1 1/2
sh.	2 9	3 -	3 3	3 6	3 9	4 5	4 10	6 9	9 -	11 1	14 3	20 -	24 6

per set in wooden box.



No. 22 Adjustable Tapwrench. Fine finish. American pattern.

Size No.	1	2	3	4	5	6
for Whitworth taps inch	$\frac{1}{16}$ — $\frac{1}{8}$	$\frac{1}{8}$ — $\frac{3}{16}$	$\frac{3}{16}$ — $\frac{1}{2}$	$\frac{1}{2}$ — $\frac{5}{8}$	$\frac{5}{8}$ — $1\frac{1}{8}$	$1\frac{1}{8}$ — $1\frac{1}{2}$
each sh.	4-	6.6	9-	13.2	23.9	34.3

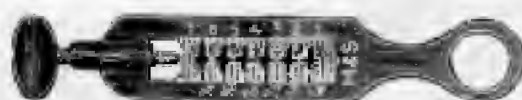


No. 23a Tapwrenches for Whitworth Taps.

for taps up to inch	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	2
with 3 holes each sh.	1/8	1/9	1.11	2.4	2.6	3.5	4.7	6.4	7.11	10-	12-	17.6	28.6
" 4 " " "	—	—	—	2/9	—	4/11	—	8/5	10/10	13-	19-	34-	—
" 5 " " "	—	—	2.3	—	3-	4-	5.5	—	8.10	—	—	—	—

No. 23b Tapwrenches for Gas Taps.

for taps up to inch	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3
with 3 holes each sh.	3/5	5.9	9.8	14.1	19.6	22.6	37.6	54-	72-
" 4 " " "	3.11	6.6	11-	16.6	22-	27-	45/9	63-	87-



No. 1121 Screw Plates with Taps, Ring-Handle and Cross-Holes.

Warranted Quality. A) cutting "Whitworth" Thread. B) cutting "S.I." Thread.

Number of holes and taps	4	5	6	7	8	9	10
A) "Whitworth" Thread inch	$\frac{1}{16}$ — $\frac{1}{8}$	$\frac{1}{8}$ — $\frac{3}{16}$	$\frac{1}{8}$ — $\frac{1}{2}$	$\frac{1}{8}$ — $\frac{3}{8}$	$\frac{1}{8}$ — $\frac{1}{2}$	$\frac{1}{8}$ — $\frac{1}{2}$	$\frac{1}{8}$ — $\frac{3}{8}$
B) "S.I." " mm	$2\frac{1}{2}$ —4	$2\frac{1}{2}$ —5	$2\frac{1}{2}$ —6	$2\frac{1}{2}$ —7	$2\frac{1}{2}$ —8	$2\frac{1}{2}$ —9	$2\frac{1}{2}$ —10
A or B each sh.	4.3	4.9	5.8	6.3	7/5	8.5	9.11

No. 40 Screw Plates with Ring Handle and Cross-Holes, With taps. Cutting "S.I." Thread.

Number of holes and taps	4	5	6	7	8	10	12
"S.I." Thread mm	$2\frac{1}{2}$ —4	$2\frac{1}{2}$ —4 $\frac{1}{2}$	$2\frac{1}{2}$ —5	$2\frac{1}{2}$ —5 $\frac{1}{2}$	$2\frac{1}{2}$ —6	$2\frac{1}{2}$ —7	$2\frac{1}{2}$ —8
each sh.	4.3	4.8	5.3	6-	6.9	9.3	10/10

No. 1121 $\frac{1}{2}$ Taps for Screw Plates. Warranted Quality.

A) Withworth Thread inch	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2
B) "S.I." " mm	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	5	5 $\frac{1}{2}$	6	7	8	10
A or B per doz. sh.	2.5	2/5	3-	3-	3.8	3.8	3.8	4.10	5.5	6.8



„S I“ Thread
With Taps.

No. 1124 Screw Plates with Bent Handle. Holes with side-holes.

Number of holes	10	12	14	16	18	20	21
laps	5	6	7	8	9	10	12
„S I“ Thread mm	2 1/2—4 1/2	2 1/2—5	2 1/2—5	2 1/2—6	2 1/2—6 1/2	2 1/2—7	2 1/2—8
each sh.	3/2	3/3	4/5	5/1	5/9	6/3	7/6



No. 3 Screw Plates for Blacksmiths etc.

With 9 holes with side-holes, 3 tapwrench-holes and 9 taps.

a) Cutting „Whitworth“ Thread

inch	1/16 to 3/16	1/8 to 1/4	1/4 to 3/8	1/2 to 3/4
each sh.	6/5	8/2	9/9	11/5

b) Cutting „S I“ Thread

mm	2 to 6	3 to 8	4 to 10	6 to 12
each sh.	5/5	6/5	8/2	11/5



No. 4 Screw Plates for Watchmakers and Jewellers.

Holes with side-holes. With taps. Cutting metric thread

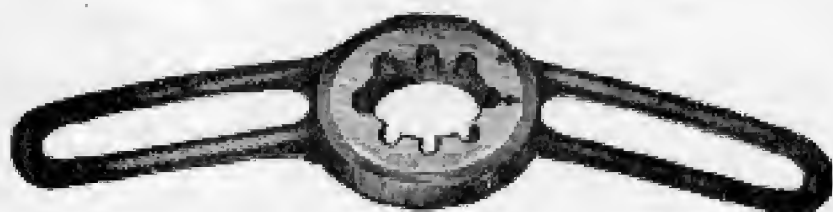
Number of holes	12	16	20	24
laps	6	8	10	12
metric thread mm	1 to 2 1/2	1 to 3	1 to 3 1/2	1 to 4
each sh.	3/9	5/-	6/4	7/6



No. 1122 Screw Plates
with brass knob and cross holes.

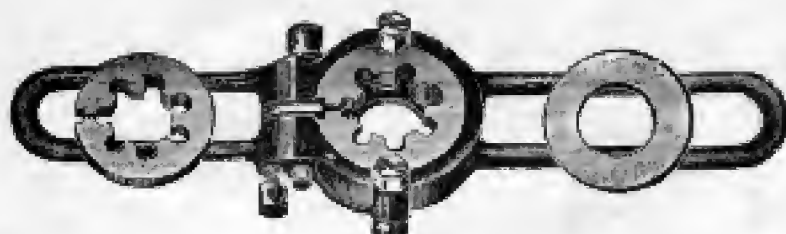
number of holes	4	4	5	6
and ups ing inch.	1/16—1/8	1/8—1/4	1/4—1/2	1/2—3/4
each sh.	5/2	5/4	6/4	7/2

Stocks and Dies for Cycle-Repairing.



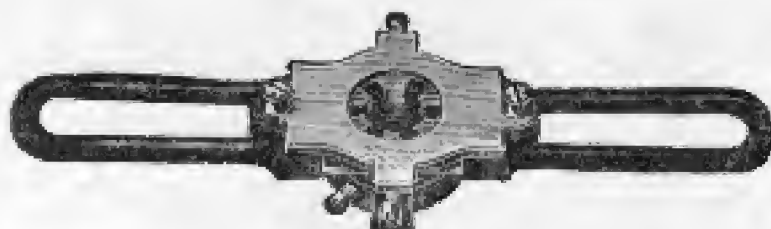
No. 1126 Bent handle, round split die.

Cutting inch	$\frac{1}{2}$	1	1	1	1
Number of threads	30	24	25	28	30
Price of stock with one die sh.	5/6				
Extra dies each	2/11				



No. 1127 Straight handles with guide. Cutting the same sizes as No. 1126.

Price of stock with one die sh.	8/5
Extra dies . . . each	2/9
Extra guides . . .	1/11



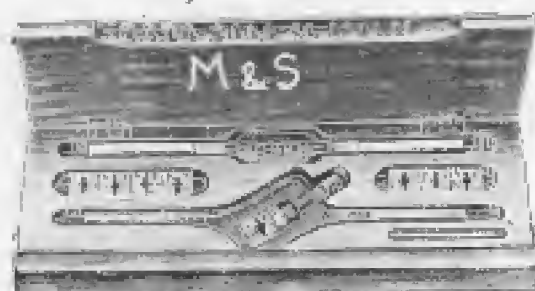
No. 1128 With split dies. Cutting the same sizes as No. 1126

Price of stock with one die sh.	9/-
Extra dies . . . pair	3/-

Cycle Stocks and Dies of Superior Quality.

Superior
Quality.

Fine
Finish.



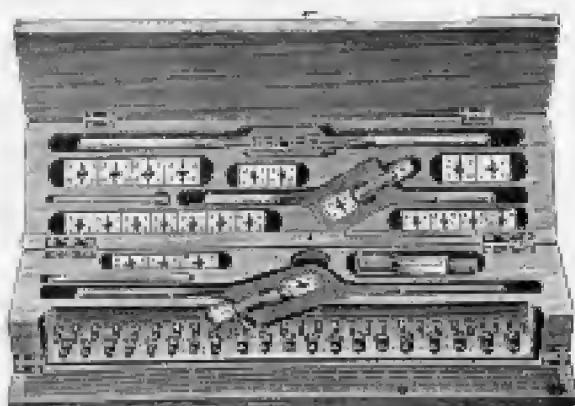
Cases inside
and outside
fine
polished.

No. 1119 Small Set containing: 8 pairs of best dies and 8 pairs of best taps (taper and plug) and tapwrench.

Cutting inch	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	right	left
Number of threads per inch	32	25	20	25	20	20	20	20	20
Superior Quality. Price per set sh. 30 -									

Superior
Quality.

Fine
Finish.



Cases
inside
and
outside
fine
polished.

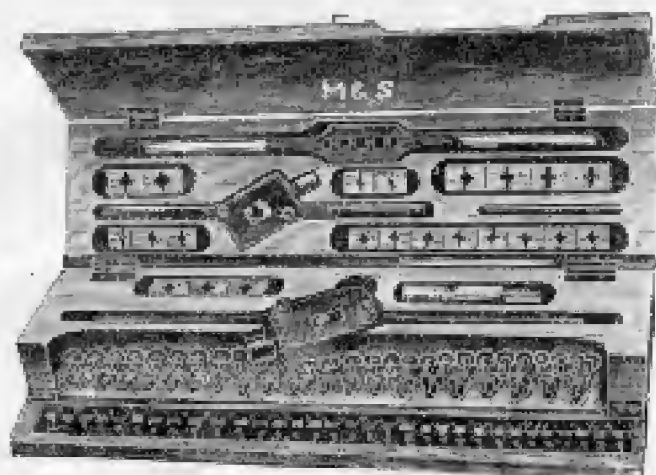
No. 1120 Large Set containing: 2 die-stocks, 24 pairs of best dies, 24 pair of best taps (taper and plug). 1 tapwrench with 2 handles and 1 bracket tap.

Cutting inch	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$	$2\frac{1}{2}$	3
Number of threads per inch	24	32	20	25	20	30	18	24	26	30	16	20	24			
	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	right	left						
	26	14	19	20	24	12	19	20	24	20	20					
Superior Quality. Price per set sh. 82 6																

Cycle Stocks and Dies of Superior Quality.

Superior
Quality.

Fine
Finish.

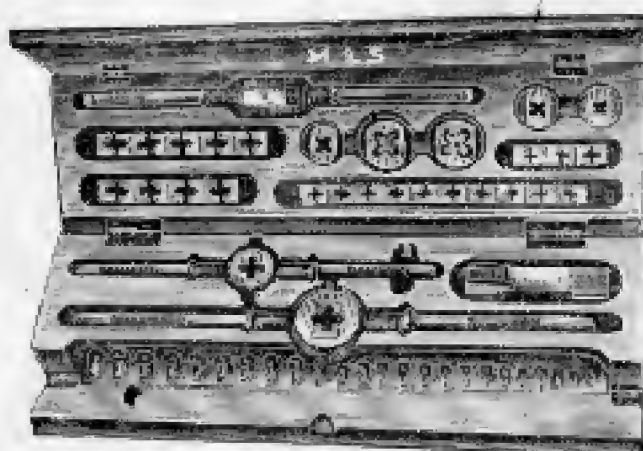


Cases
inside
and
outside
fine
polished.

- No. 35 **Large Set** of the same composition as No. 1120 on page 112 but the stocks are with **cover-lid**. Superior Quality . . . Price per set sh. 84/6
- No. 39 **Small Set** of the same composition as No. 1119 on page 112 but the stocks are with **cover-lid**. Superior Quality . . . Price per set sh. 30/9

Superior
Quality.

Fine
Finish.

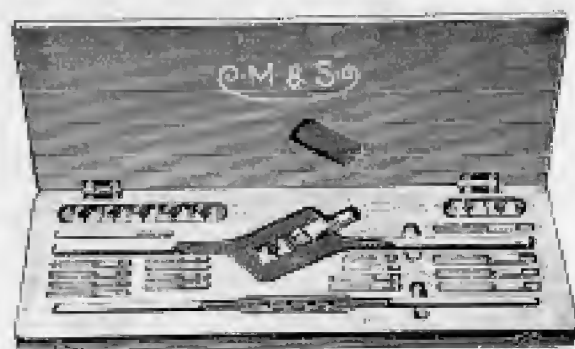


Cases
inside
and
outside
fine
polished.

- No. 36 **Large Set** of the same composition as No. 1120 on page 112 but with American pattern Stocks and Dies (simplified system), 1 adjustable lap-wrench and with 1 lap to each size. Superior Quality. Price per set sh. 126/3
- No. 37 **Small Set** of the same composition as No. 1119 on page 112 but with American pattern Stocks and Dies (simplified system), 1 adjustable lap-wrench and with 1 lap to each size. Superior Quality. Price per set sh. 62/3

Cycle Stocks and Dies of Superior Quality.

**Superior
Quality.
Fine
Finish.**



**Cases
inside and
outside
fine
polished.**

No. 1550 Large Set Cutting B.S.F. Thread. One set containing 1 stock, 7 pairs of best dies, 7 pairs of best taps (taper and plug), and 2 tap-wrenches with 1 Tommy.

Cutting inch	$\frac{1}{2}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$
Number of threads per inch	20	22	20	18	16	14	12
Superior Quality Price per set sh. 60/9							

No. 1551 Small Set. Cutting B.S.F. Thread. One set containing 1 stock, 5 pairs of best dies, 5 pairs of best taps (taper and plug) 1 tapwrench and Tommy.

Cutting inch	$\frac{1}{2}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
Number of threads per inch	26	22	20	18	16
Superior Quality Price per set sh. 30/-					

No. 1552 Large set. Cutting B.S.F. Thread. The same composition as No. 1550 but the stocks with cover-lid. Superior Quality.
Price per set sh. 60/9

No. 1553 Small Set. Cutting B.S.F. Thread. The same composition as No. 1551 but the stocks with cover-lid. Superior Quality.
Price per set sh. 30/-

Stocks and Dies specially for Ford and other American cars.



Superior
Quality.
Fine
Finish.

Cases
inside and
outside
fine
polished.

No. 1276 Large Set. Specially for Ford cars. One set containing 2 stocks 16 pairs of dies, 16 taps (one for each size) and 1 adjustable tapwrench, American threads.

Cutting A.S.M.E thread No.	6	10	10	12	14
No. of threads per inch	32	32	24	24	24
Whitworth thread	$\frac{7}{32}$	$\frac{1}{16}$	$\frac{5}{16}$	$\frac{3}{16}$	$\frac{1}{8}$
No. of threads per inch	32	20	18	24	20
Pipe threads	$\frac{1}{8}$	American V ^o thread			$\frac{3}{16}$
No. of threads per inch	27				16

Superior Quality. Complete set sh. 98/3

No. 1277 Small Set. Specially for Ford Cars. One set containing 1 Stock. 7 pairs of dies, 7 taps (one for each size) and 1 adjustable tapwrench,

Cutting S.A.E. thread inch	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{8}$
No. of threads per inch	28	24	24	20	20	18

Superior Quality. Complete set sh. 58/-



Superior
Quality.
Fine
Finish.

Cases
inside and
outside
fine
polished.

No. 1280 Large Set. Same composition as No. 1276 but with 2 tapwrenches, 2 lommies and with plug and taper taps. Superior Quality.

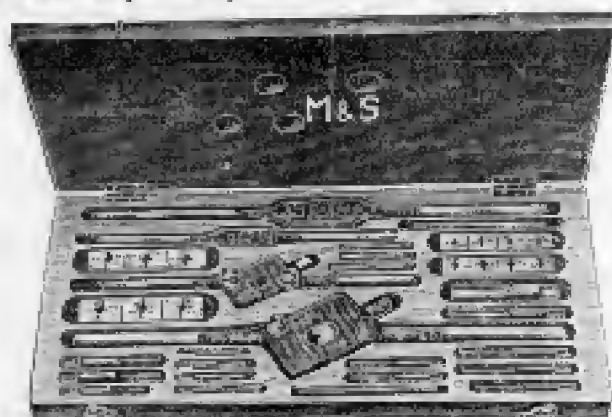
Complete set sh. 72/-

No. 1281 Small Set. Same composition as No. 1277 but with one tapwrench, 1 Tommy and with plug and taper taps. Superior Quality.

Complete set sh. 35/-

Stocks and Dies specially for Ford and other American cars.

**Superior
Quality.
Fine
Finish.**

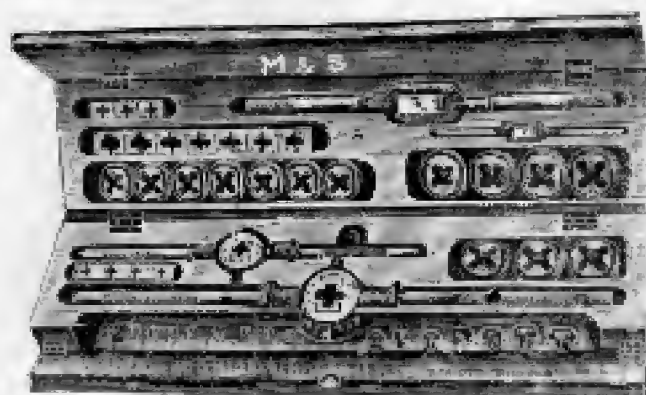


**Cases
inside and
outside
fine
polished.**

- No. 1278 Large Set.** Same composition as No. 1276 on page 115 but with 2 tapwrenches, 2 tommyes and with plug and taper taps. Superior Quality.
Complete set sh. 72/-
- No. 1279 Small Set.** Same composition as No. 1277 on page 115 but with 1 tapwrench, 1 tommy and with plug and taper taps. Superior Quality.
Complete set sh. 36/-

Stocks and Dies for Auto Cars with Metric Thread (SI).

**Superior
Quality.
Fine
Finish.**

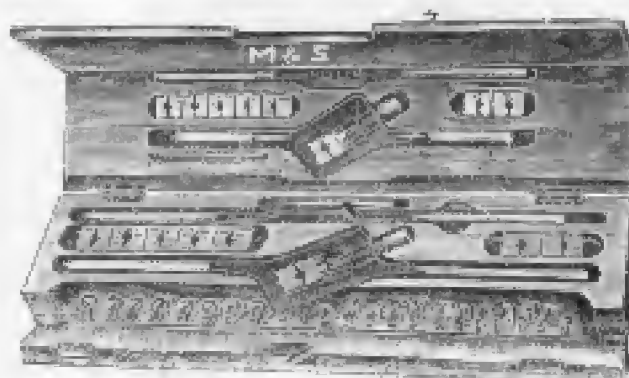


**Cases
inside and
outside
fine
polished.**

- No. 30 Large Set.** One set containing: 2 stocks, 16 pairs of dies, 16 taps (one tap for each size) and 2 adjustable tapwrenches.
Cutting mm 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20
complete set sh. 150/-
- No. 31 Medium Set** containing: 2 stocks, 12 pairs of dies, 12 taps (one tap for each size) and 2 adjustable tapwrenches
Cutting mm 5, 6, 7, 8, 9, 10, 12, 14, 15, 16, 18, 20
complete set sh. 125/-
- No. 32 Small Set** containing: 1 stock, 8 pairs of dies, 8 taps (one tap for each size) and 1 adjustable tapwrench **complete set sh. 60/3**

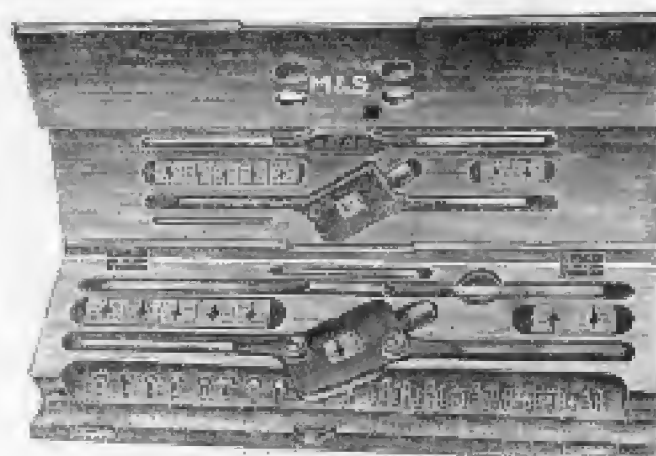
Stocks and Dies for Auto Cars with Metric Thread (SI).

Superior
Quality.
Fine
Finish.



Cases
inside and
outside
fine
polished.

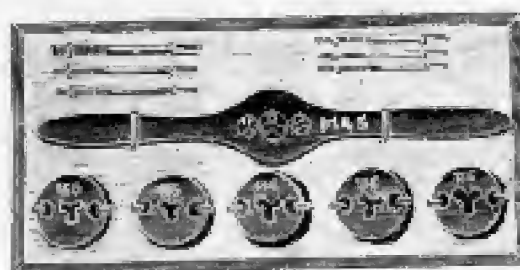
- No. 1160 **Large Set** containing: 2 stocks, 16 pairs of dies and taps (laper and plug), 2 tapwrenches and 2 tommyes complete set sh. 89/6
Cutting mm 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20
- No. 1159 **Medium Set** containing: 2 stocks, 12 pairs of dies and taps (laper and plug), 2 tapwrenches and 2 tommyes complete set sh. 79/6
- No. 1158 **Small Set** containing: 1 stock, 8 pairs of dies and taps (laper and plug), 1 tapwrench and 1 tommy complete set sh. 31/3



- No. 33 **Large Set.** The same composition as No. 1160 but the stocks with cover-lid complete set sh. 88/6
- No. 34 **Medium Set.** The same composition as No. 1159 but the stocks with cover-lid complete set sh. 79/6
- No. 35 **Small Set.** The same composition as No. 1158 but the stocks with cover-lid complete set sh. 31/3

**No. 1153
Screw
Plates**

for threading
cycle spokes
with 6 round
dies and
fluted taps.



Mounted
on cards.
Cutting
No. 11 to 16
Birmingham
Gauge.
Best Quality.
each sh. 6/6
Extra Dies
per doz. sh. 9/-

**No. 1152
Screw
Plates**

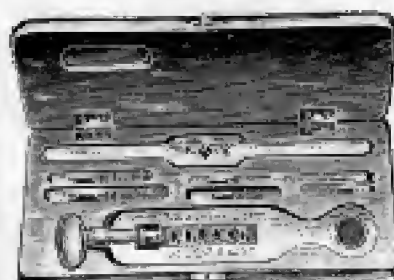
with
ring-handle
for cycle
spokes. With
6 fluted taps.



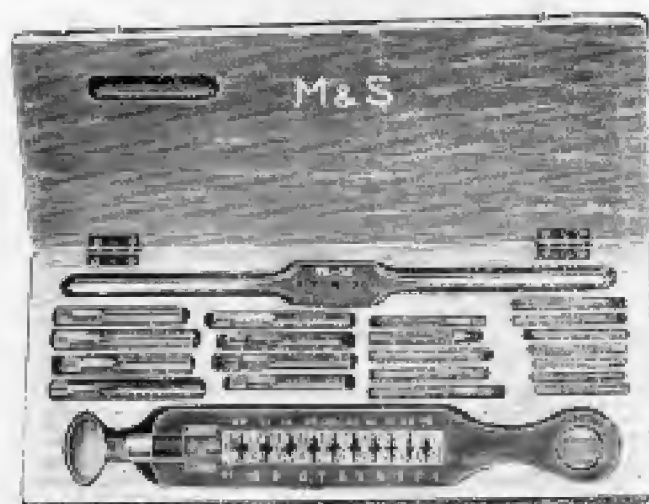
Mounted on
cards. Cutting
No. 11 to 16
Birmingham
Gauge.
Best Quality.
Price
each sh. 6/-

**No. 1154
Screw Plates**

with ring handle
in fine polished case.
With tapwrench and
6 fluted taps.
Best Quality.



Cutting Whitworth
Inch $\frac{1}{16}$ $\frac{1}{8}$ $\frac{3}{16}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$
complete set sh. 11/-
This Screw Plate can
be supplied also with
Metric (SI) Thread
from 2.5 to 6 mm at
the same price.



**No. 1155
Screw Plates**

with ring handle in fine
polished case. With tap-
wrench and 9 pairs of
taps (taper and plug).
Cutting Whitworth
Thread from $\frac{1}{16}$ to $\frac{1}{2}$ inch.
complete set sh. 30/9

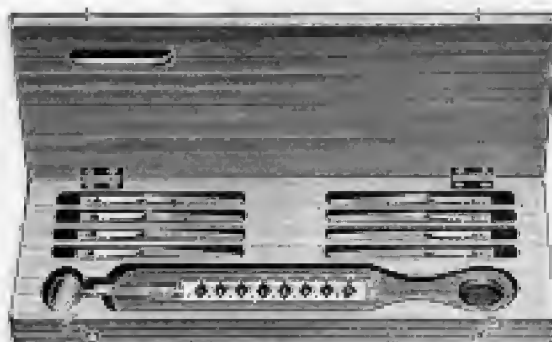
The same sets but cutting
Metric Thread (SI)
from 5 to 12 mm or
Japy Thread
No. 19 to 28
cost the same prices.

No. 1155 1/2 The same sets but Superior Quality. Cases inside and outside
fine polished. per set sh. 35/9

Screw Plates

with ring handle
for bearing-
screws.

In polished
case with 8 dies
cutting 12 mm
right and left.



8 taper taps
cutting 8-13 mm
right and left.

Number of
threads
20, 22, 24, 26
per inch

- No. 1182 A Superior Quality. Case inside and outside fine pol. per set sh. 31.4
B Medium Quality. Case outside polished 26.6



No. 1161

Taps for Cycle Repair.
Taper and plug.



Cutting $\frac{1}{16}$ $\frac{1}{8}$
No. of threads p. inch 24, 32 20, 25, 26, 30
per doz. sh. 5.5 6.-

	Cutting $\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$
No. of threads p. inch	18, 24, 26, 30	16, 20, 24, 26	14, 18, 20, 24	12, 16, 20, 24	10, 12, 16, 20
per doz. sh.	7.3	7.10	9.-	10.3	12.-



No. 1162 Double Taps
for Cycle Repair.

Cutting $\frac{1}{16}$ with 20 threads p. inch
right and left. per doz. sh. 27.-



No. 1169a Repair Outfits.

One set containing 1 each right and left
reamer-tap and 6 each right and left
bushings in paper-box.

Taps cutting $\frac{1}{16}$ $\frac{1}{8}$ 24 threads p. inch
Bushings outside thread $\frac{1}{16}$ $\frac{1}{8}$ 24
inside $\frac{1}{16}$ $\frac{1}{8}$ 20
per doz. sets sh. 49.3

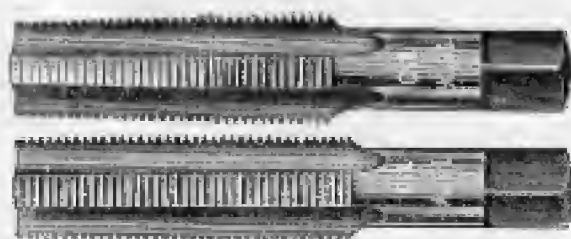
No. 1169b Bushings only.

6 each right and left in paper box.
per doz. sets sh. 19.10

No. 1169c Reamer Taps.

Cutting $\frac{1}{16}$ $\frac{1}{8}$ 24 threads per inch
right or left. per doz. sh. 15.-





No. 1163 Sparking Taps.

Taper or plug.
Diameter 18 mm, pitch 1.5 mm
per doz. sh. 18.-



No. 1164A

No. 1164 Bracket Taps.

1.370 (B.S.A.) \times 24 threads p. inch

A without guide per doz. sh. 34.-

B with short " " " 45.-

C " long " " " 60.-



No. 1165 Taps. Superior Quality.

Diameter mm	6-8.5	9-11.5	12-14.5	20-33	34-37	34-40	35-41.8
each sh.	2-6	2-9	3-3	4-8	5-8	7.-	7-8



No. 1167 Universal Taps. Superior Quality.

Cutting from .30 to .45 mm. Number of threads must be indicated.
each sh. 17.-



No. 1168 Universal Taps. Superior Quality.

A Cutting from 5 to 10 mm each sh. 2-6

B " " 10 " 15 " " " 3-2

Number of threads must be indicated.

Superior Quality. **Engineers' Ratchets.** All Drop Forged Steel.



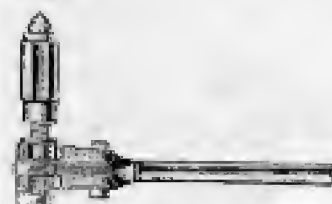
No. 1130 Engineers' Ratchets
with round screw-nut, bright
all over. Square taper hole.

Length inch	10-12	14	16	18	20	22	24
each sh.	13/-	14/10	16/3	18/9	20/5	22/4	24/8



No. 1131 Engineers' Ratchets.
English pattern. Hexagon box. Square taper hole.

Length inch	10-12	14	16	18	20	22	24
each sh.	14/8	17/10	19/6	22/4	24/5	27/-	29/4



No. 1132 Engineers' Ratchets.
Weston pattern. Hardened throughout.
Natural colour. Square taper hole.

Length inch	12	14	16	18	20	22	24
each sh.	20/6	24/-	27/6	31/-	34/3	36/9	39/5



No. 1134 Engineers' Ratchets
with short box and square taper hole.
Height of head $2\frac{1}{4}$ inch.

Length inch	10	12	14	16
each sh.	12/2	12/2	14/8	16/3



No. 1134 1/2
The „Simple and Easy“ Ratchet.

Length inch	12	14	16	18	20	22	24
each sh.	11/8	13/3	14/8	17/-	18/3	20/3	22/-



No. 26 Engineers' Ratchets.
Superior Quality.

All parts carefully finished and hardened.
Boxed and encased and therefore protected
against dust and damage. Square taper hole.

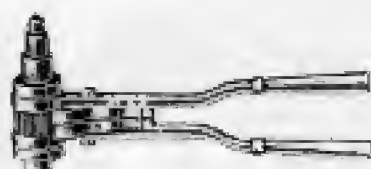
Length inch	12	14	16	18	20	22
each sh.	18/10	19/10	20/10	25/3	26/0	28/3



No. 27 Engineers' Ratchets.
Superior Quality.

All parts carefully finished and hardened.
Boxed and encased. With hole for square
shank drills.

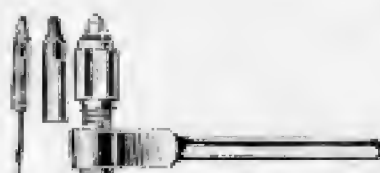
Length inch	10	12	14	16	18	20	22	24
each sh.	13/0	16/1	17/1	18/4	20/2	22/0	24/5	



No. 28 Double acting Ratchets.

For square shank drills.

Length inch	12	14	16	18	20
each sh.	19.4	21/3	22.3	24.8	27.8



No. 26 Engineers' Ratchets.

Superior Quality.

With holes for Morse Taper Shanks.

All parts carefully finished and hardened.

Boxed and encased. With hexagonal box.

Length inch	10	12	14	16	18	20	22
for Morse Taper Socket No.	2	3	3	3	4	4	4
each sh.	17/6	19/9	21/-	22/-	26/6	28/-	29/9



No. 24 Reversible Ratchets

for right and left hand use. Superior Quality. Box and bar are one piece drop forged. The changing from right to left hand use is effected by turning the sleeve roll.

Length inch	10	12	14	16
each sh.	19/-	20/9	22/6	24/3



No. 1133 Ratchet Drills.

Best Quality.

Diameter inch	1/4 to 3/8	1/2 to 3/4	1 to 1 1/4	1 1/2 to 2	2 1/2 to 3	3 1/2 to 4	4 1/2 to 5
per doz. sh.	10/10	12/8	13/10	14/5	16/3	17/5	18/-



Nos. 1310, 1311 and 1312

Pulley Blocks

with 1, 2 or 3 Iron Sheaves.

Black japanned. Swivel Hooks.

		Diameter inch	2 1/2	3 1/2	4	4 1/4	5	6	7	8
No. 1310	One Sleeve	each sh.	4.3	5/8	6/10	9/9	12/6	15/-	22/-	29/-
" 1311	Two	" " "	5.3	8/-	10/-	14/6	18/9	22/-	34/-	44/6
" 1312	Three	" " "	6/9	11/-	13/6	19/6	24/6	30/6	43/3	61/-

Superior Quality.

Pulley-Blocks.

Fully Warranted.



No. 1318 Galvanized with swivel hooks and 2 sheaves.



No. 1319 The same with 3

a) Iron sheaves.

b) Brass

				Diameter of sheaves inch	1 1/4	1 1/2	2	2 1/2
				Thickness "	3/16	3/8	1/2	5/8
No. 1318	A) with 2 Iron sheaves	per pair sh.			9.9	11.9	12.9	15.3
	B) " 2 Brass	" " "	"		12.-	14.9	16.-	19.-
No. 1319	A) " 3 Iron	" " "	"		10.3	12.6	15.6	16.-
	B) " 3 Brass	" " "	"		12.9	15.6	17.6	20.-

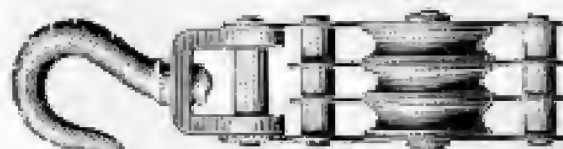


No. 1320 Extra Strong Model for Cable.

Galvanized with swivel hooks and 3 sheaves of 2 1/2 x 3/4 inch for 1/2 inch rope.

A) with 3 Iron sheaves per pair sh. 20.3

B) with 3 Brass sheaves per pair sh. 25.3



No. 1312 Bright Pulley-Blocks.

Extra strong with galvanized swivel hooks.

Diameter inch	1	1 1/4	1 1/2	2	2 1/2
Thickness "	3/16	3/8	1/2	5/8	3/4

A) with 3 Iron sheaves per pair sh. 9.6 - 11.6 12.6 14.9 17.9 21.3

B) with 3 Brass sheaves per pair sh. 11.9 14.6 15.6 18.6 22.3 26.9



No. 1314 Galvanized with fixed hooks and two sheaves ranged of 2 and 1 1/2 inch diameter (thickness 1/2 inch).

a) with Iron sheaves p. pair sh. 10.3

b) " Brass " " " 13.-





No. 1315 Light model.

Galvanized with fixed hooks and two sheaves ranged of $1\frac{1}{2}$ and $1\frac{1}{4}$ inch diameter (thickness $\frac{1}{16}$ inch.)

- a) with Iron sheaves p. pair sh. 8.9
b) " Brass " " " " 10.10



No. 1316
Pulley-Blocks.



Galvanized with swivel hook and three sheaves ranged of $2\frac{3}{4}$, 2 and $1\frac{1}{2}$ inch dia. (thickness $\frac{1}{16}$ inch.)

- a) with Iron sheaves p. pair sh. 14/-
b) " Brass " " " " 17.6



No. 1317

Pulley-Blocks.

Complete with 2 wire stretchers and 65 feet length of rope.

(The same blocks as No. 1316)

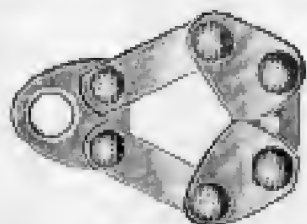


- a) with Iron sheaves per set sh. 31/3
b) " Brass " " " " 34.9



No. 1309 Ropes for Pulley Blocks.

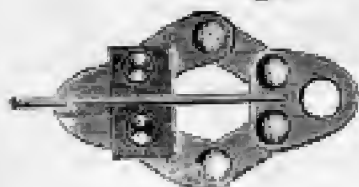
Length 65 feet. Thickness from $\frac{1}{4}$ to $1\frac{1}{2}$ inch per lbs. sh. 4/6



No. 1300 Wire-Stretchers.

Current model.

taking wire up to inch	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{8}$
each sh.	3.5	3.9	4.1	5.1	7.3



No. 1301 Wire-Stretchers

with parallel-jaws for soft wire.

taking wire up to inch	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{8}$
each sh.	3.9	4.9	7.	8.9	

Superior Quality.

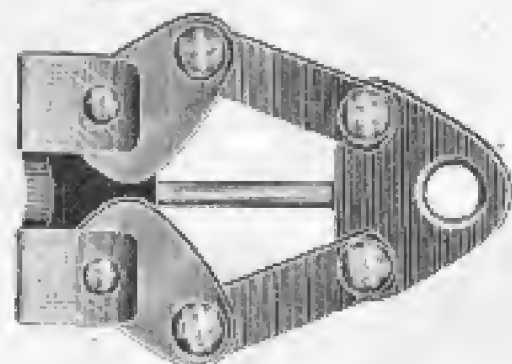
Wire-Stretchers.

Carefully finished and hardened.



No. 1302 With 3 Rings. Galvanized.

taking wire up to inch $\frac{1}{2}$ from $\frac{3}{16}$ to $\frac{3}{4}$ inch.
each sh. 2 6 5 - 7 -



No. 1304 Heavy Model

for cables from $\frac{3}{4}$ to 1 inch
each sh. 24 9



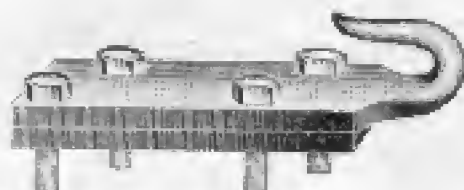
No. 1304 Galvanized with lever and ring

taking wire up to inch	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$
A) with steel-jaws each sh.	4 8	6 6	7 -
B) " bronze- " " " "	5 8	8 -	8 6



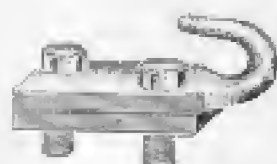
No. 1296 With 2 Bolt-Screws.

Size of jaws $4 \times 2 \times \frac{1}{2}$ inch
each sh. 3 2



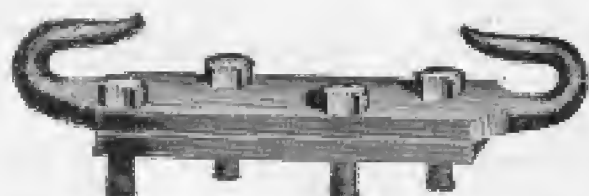
No. 1298 With 4 Bolt-Screws and 1 Hook.

Size of jaws $6 \frac{1}{2} \times 2 \frac{1}{2} \times \frac{1}{2}$ inch
each sh. 6 9



No. 1297 With 2 Bolt-Screws and 1 Hook.

Size of jaws $4 \times 2 \times \frac{1}{2}$ inch
each sh. 4 2



No. 1299 With 4 Bolt-Screws and 2 Hooks.

Size of jaws $7 \times 2 \frac{1}{2} \times \frac{1}{2}$ inch
each sh. 8 6



No. 1305 Hedge-Wire-Stretchers.
Blackened. each sh. 2/10

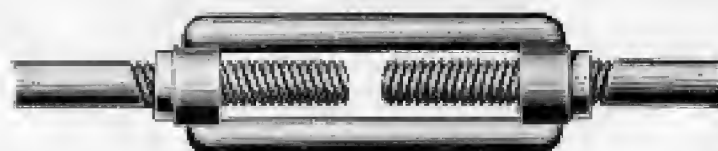


No. 1307 Draw-Vices
with ratchet and key. Gal-
vanized. Length of vice 5 inch.
each sh. 14/2



No. 1308 Draw-Vices.
Galvanized with large
winged nut and one, two
or three iron sheaves.

	Length of vice inch.	4	4 1/2	5	5 1/2	6
A) with one iron sheave each sh.		6 6	6 8	6 11	7 7	7 11
B) " two " " " "		9 9	10 -	10 3	10 9	11 3
C) " three " " " "		10 5	10 9	11 -	11 8	12 3



Stretching Screws.

Drop forged steel,
not cast.

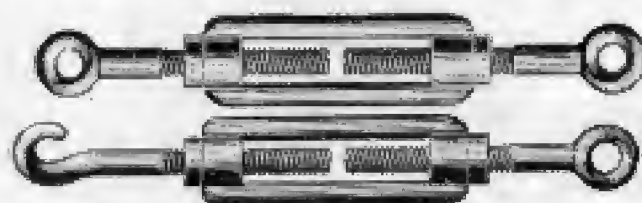
No. 1580 with
ends to be welded.

No. 1581 without
ends to be welded.

Dia. of screw inch.	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	1 7/8	2	2 1/4	2 1/2	2 3/4	3
Length of frame	5	5 1/2	6	6 1/2	7	7 1/2	8	9	10	10 1/2	11	12	12 1/2	13 1/2	15

No. 1580 with ends to be welded
p. doz. sh. 18/- 18/6 22/3 29/9 29/9 45/- 55/6 67/8 - 95/- 133/- 158/- 212/261/- 315/- 391/- 441/-

No. 1581 without ends to be welded
p. doz. sh. 13/3 14/6 18/6 21/- 21/- 31/9 37/9 57/- 63/- 87/- 98/- 141/- 163/- 185/- 283/- 314/-



No. 1582
Stretching Screws.
with 2 Eyes. Drop forged
steel, not cast.

No. 1583

With Hook and Eye
No. 1584

with 2 Hooks.

Diameter of screw inch.	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	1 3/4	1 7/8	2	2 1/4	2 1/2	2 3/4	3
Length of frame	5	5 1/2	6	6 1/2	7	7 1/2	8	9	10	10 1/2	11	12	12 1/2	13 1/2	15

No. 1582 to 1584 p. doz. sh. 21/9 32/6 29/6 49/3 35/- 56/6 71/- 56/6 76/- 136/- 305/-



No. 1325 Climbing Irons.

Galvanized. Folding hooks.

Length of hooks inch.	8 1/2	10 1/2
p. pair sh.	22 -	22 - 9



No. 1326 Climbing Irons.

Galvanized. With 3 points at the end of hooks.

Length of hooks inch.	8 1/2	10 1/2
p. pair sh.	18 - 9	20 -



No. 1330 Safety Girdle.

Extra strong.

A) with tool bag each sh. 20 - 9

B) without " " " " 17 - 6



No. 1290 Cable Knife.

With rosewood handle.

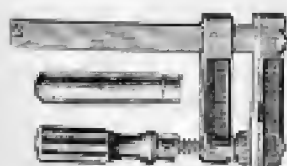
per doz. sh. 30 -



No. 1291 Cable Knife.

With rosewood handle.

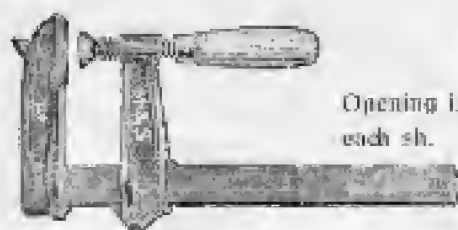
per doz. sh. 42 -



No. 1135 Adjustable Cramps.

Quick acting with Steel Bar and polished handle. Best Quality. Fully warranted.

Opening inch	4	5	6	7	8	10	12	16
Depth	2 1/2	2 1/2	3 1/4	3 1/4	4	4 1/4	6	6
each sh.	3 - 3	3 - 4	4 - 3	4 - 4	4 - 9	6 - 2	7 - 7	8 - 2



No. 1135 1/2 Adjustable Cramps.
Heavy Model. With Steel Bar and pol.
handle. Depth 4 3/4 inch. Fully warranted.

Opening inch	20	24	28	32	36	40	48	60
each sh.	10/4	10/9	11/2	11/6	12/-	12/6	13/6	15/-



No. 1136 Extra Strong Steel Bar
Cramps.

T-Section.	Size of bar 2 1/4 x 1 1/4 x 3/8 inch.				
Opening inch	30	36	52	48	54
each sh.	24/9	25/9	26/9	27/9	29/3
Opening inch	60	66	72	78	84
each sh.	31/-	33/-	35/3	37/6	40/-



No. 1150 Steel Bar Cramps.
Light Model.

Opening inch.	24	30	36	42	48	54
Size of bar	1 1/4 x 1 1/4			1 1/4 x 1 1/4		
each sh.	9/-	9/5	9/9	10/2	13/4	14/-
Opening inch	60	66	72			
Size of bar	2 x 1 1/4					
each sh.	18/3	19/-	19/10			



No. 1136 1/2 Forged Cramps.

Very strong.
Especially for out-door work.

Opening inch	3	4	5	6	7	8	9	10	12
Depth	2 1/4	2 1/2	4	4 1/2	5 1/2	6 1/4	7 1/4	8	8 1/2
each sh.	6/5	7/2	8/3	9/-	12/9	16/8	19/2	25/6	30/8



No. 1137 Cramps. With steel-screw. Frame of best
malleable cast.

Opening inch	2	3	4	5	6	7	8	10	12	14
each sh.	1/6	1/10	2/3	3/2	4/5	5/3	6/6	9/5	12/-	14/5



fully extended

No. 1590 New Improved Hydraulic Jack

of low construction giving maximum lift.
A Universal Jack for all cars specially for those fitted with balloon tyres or having low axles.

Absolutely oil tight.

Quick and safe lift.

Light and Handy.

Cases are of best malleable steel (unbreakable).

Finish: Nickel plated and japanned.

	Size 1	2
lifting capacity tons	2½	2½
height when closed inch	7	7½
extended	13½	16½
Weight approx. lbs.	9	9
Price each sh.	76/6	80/-



fully extended

closed

No. 1591 Very Handy Improved Auto-Jack.

Specially made for cars fitted with Balloon tyres. Operated by double action lifting spindle. It is ball bearing and is supplied with folding handle and key. Best finish and suitable for all cars and lorries up to 2½ tons.

height when closed	7 inch.
extended	16
weight approx.	12 lbs.

Price each sh. 54/-



Size 2

No. 1592 Jacks for Motor Lorries and Omnibuses.

Made specially for cars fitted with Balloon or extra heavy solid tyres. This ball bearing Jack is operated by a double action lifting spindle of special steel. Supplied with a 48" folding handle. Cases are of best malleable steel. The No. 2 size is fitted with solid handle and bow.

	Size 1	2
for cars up to tons	4	7
vertical lifting capacity tons	3	4
height when closed inch	8½	10½
extended	18	21
weight approx. lbs.	30	46
Price each sh.	160/-	217/-



**No. 1593 Jacks for
Motor Lorries,
Omnibuses and
Garage use.**
Dust proof, dirt proof.
Ball Bearing.

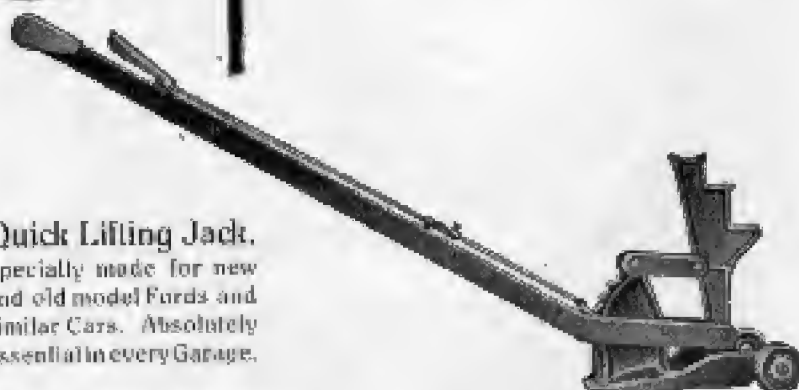
Size	1	2
Capacity tons	3	4
height when closed	12 1/2	13 1/2
extended	20	22
weight approx. lbs.	16	22
Price each sh.	59/-	66/-



No. 1594 Jacks for Cars up to 1 Ton.
Reliable, inexpensive and always
ready for use. Fitted with swivel
head.

Size	1	2
height when closed inch.	8 1/2	9 1/2
extended	13	15 1/2
weight approx. lbs.	5	5 1/2
Price each sh.	13/6	13/6

No. 1595 Quick Lifting Jack.
Specially made for new
and old model Fords and
similar Cars. Absolutely
essential in every Garage.



Has 3 lifts.	height when not extended	1 1/2	65 1/2	11	inch.
fully	10 1/2	13 1/2	15		
lifting capacity	1 ton				
weight approx.	23 lbs.				
Price each sh.	73/-				



No. 1596 Portable Quick Lifting Jack.

Universal model for cars up to 2½ tons. Absolutely essential to every garage and workshop.

Extra strong construction, giving following lifts:

axle claw (a) 4½ to 13 inches
head (b) 8½ to 22½ inches
giving a maximum range from 4½ to 22½ inches
weight approx. 46 lbs.

Price each sh. 122/6



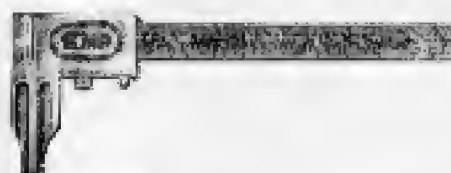
No. 1597 Special Portable Jack for Wheel Repairers and Workshops.

Lifts 2 wheels at once. Very strong construction and suitable for cars up to 2½ tons. Adjustable handle enabling cars to be moved into place in every direction. (Lifting front or back axle.)

Necessary in all Showrooms, Repair-Workshops and Automobile Factories.

for cars of	lift abt.	lowest height	maximum height	length	width	weight approx.
2½ tons	8 inch	6½ inch.	17½ inch.	57 inch.	14 inch.	121 lbs.

Price each £ 16.17.—

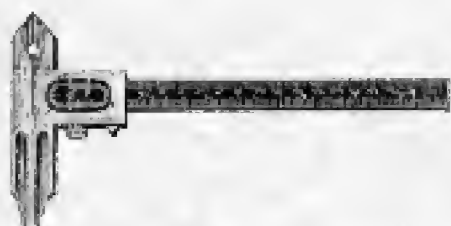


Superior Line

No. 1220a Steel Calliper-Gauges.

With jaws grooved to open easily and with ends for inside measuring. With 3 different graduations and one vernier for mm.

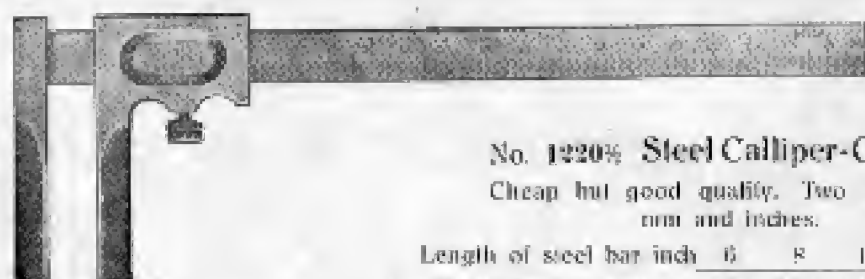
Length of steel bar inch	8	10	12
each sh.	9/3	10/8	14/-



No. 1220b Steel Calliper-Gauges.

The same Calliper as No. 1220a but with knife jaws for measuring screw bolts.

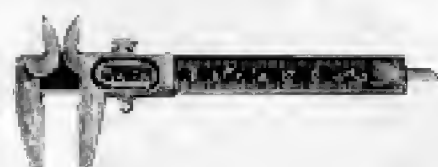
Length of steel bar inch	8	10	12
each sh.	12/-	13/10	17/-



No. 1220c Steel Calliper-Gauges.

Cheap but good quality. Two measures mm and inches.

Length of steel bar inch	6	8	10	12
a) without vernier each sh.	4/6	4/11	6/4	9/-
b) with one " " " "	5/2	5/6	7/-	9/8



No. 1221 Steel Calliper-Gauges.

For outside, inside and depth work. Graduation up to 120 mm and 5 inch. With 2 verniers and half leather case.

a) polished " " per doz.	sh. 46/3
b) nickel-plated " " "	54/-

In Leather cases per doz. sh. 5/- extra

No. 1601 Steel Calliper-Gauges.

Superior Line. Very strong. Bar and tongue being one piece and suitable to serve as square. Jaws are glasshard and with ends for inside measuring. Front divided metric and inch and one vernier, back divided metric only for depth measure.

To measure inch	6	8	10	12
Length of jaws " "	2 1/4	2 3/4	3 1/4	4
each sh.	9/9	11/6	14/-	17/3

No. 1602 The same Calliper-Gauge as No. 1601 but with **Knife-edged Points** for measuring screw bolts.

To measure inch	8	10	12
Length of jaws " "	2 1/4	3 1/4	4
each sh.	15/3	18/3	21/6



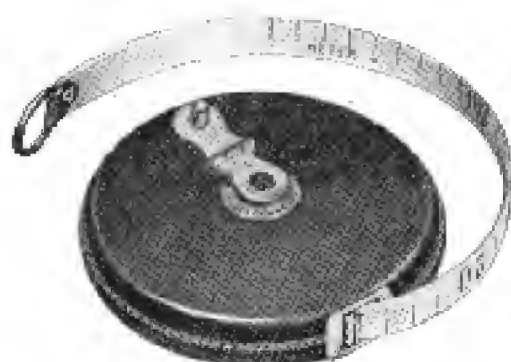


No. 1223 Pocket Calliper-Gauges

Polished boxwood. Two different graduations mm and inches. To measure $3\frac{1}{2}$ inch. each sh. 2 3

No. 1224 The same Calliper-Gauge but made of Brass.

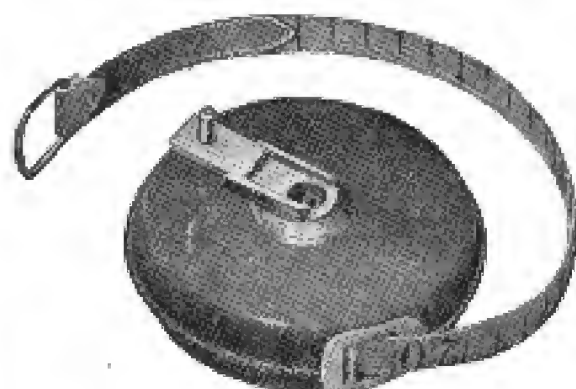
To measure inch 2" 3" 4"
each sh. 3 5 3 8 4 -



No. 1547 Tape Measures.

Strong natural leather case, with brass folding handle and good linen tape $\frac{1}{2}$ inch wide. With 2 measures (inches and metric) divided at the new model enabling to read at once the running Meters or Feet.

Length of tape in feet	16 1/2	33	50	66	83	100
each sh.	9 -	11/9	15 -	18 -	21 3	24 6



No. 1227 Tape Measures.

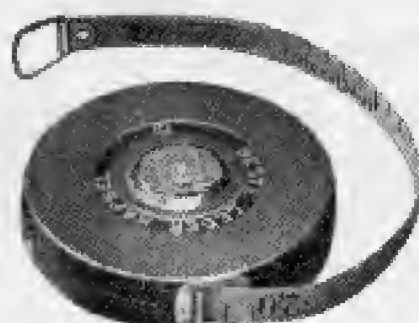
Strong natural leather case with brass folding handle, best linen tape $\frac{1}{2}$ inch wide, reinforced with 8 bronze-wires. With 2 measures (inches and metric) divided at the new model enabling to read at once the running Meters or Feet.

Length of tape in feet	16 1/2	33	50	66	83	100	133	166	200
each sh.	10-10	14/-	17/7	21/8	25/8	29/9	37/5	49/6	122/6

Extras. Tapes reinforced long leather covered each sh. - 3 extra.
Tape measures with the new fold flush-handle as illustrated at the following No. 1217 each sh. 1 9 extra.

**Strong Natural Leather Case.
Fold Flush Handle.**

Division in inches and metric
at the new model.



The new handle shot.

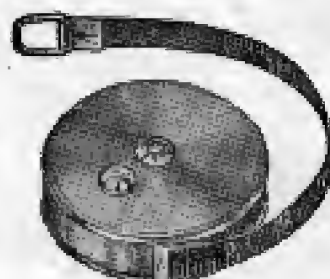
No. 1217 Our New Weather Resisting Tape Measure The most perfect Tape Measure available. It is fitted with best linen tape which by a special process is made weather proof, scaleproof and the markings remain permanent.

- A) reinforced 8 bronze wires
B) " 10 " "

Length of tape in feet	16½	33	50	66	83	100	166
A) with 8 bronze-wires each sh.	13/3	17/-	21/-	25/9	30/3	35 -	57/-
B) " 10 " " " "	16/0	24/6	30/6	36/6	42/6	50/-	79/3

It fitted with handle as model 1227, sh. 1/9 less.

**Every Tape shows the New Model Divisions
enabling to read at once the running Meters or Feet.**



No. 1225 Tape Measures

spring action, steel tape ½ inch wide
with inches and metric division.
German silver case.

Length of tape in feet	31½	5	6½	10	16½
each sh.	5/-	6/4	7/8	10/10	16/3



**No. 1218 Strong natural leather case.
With steel tape, ½ inch wide with one
or two divisions. With the New Fold
Flush Handle.**

- A) with one measure (Inches or Metric)
B) " two " (Inches and Metric)

Length of tape in feet	16½	33	50	66	83	100	133	166
A) with one measure (Inches or Metric) each sh.	18/-	23/6	29/-	36/-	45/-	54/-	72/-	90/-
B) " two " (Inches and Metric) " " "	20/-	27/-	34/6	43/6	54/-	65/-	87/-	108/-



Non Rusting Steel Tape.

Length of tape in feet	16 1/2	33	50	66	83	100	133	166
A) with one measure engraved each sh.	39/9	54/-	68/6	86/6	108/-	129/9	173/-	216/-
B) " " laid on " " "	36/-	46/9	57/9	72/-	90/-	108/-	144/-	180/-
C) " two " " " " "	30/9	54/-	68/6	86/6	108/-	129/9	173/-	216/-

No. 1215 With **Non Rusting** steel tape $\frac{1}{2}$ inch wide, in strong natural leather case with the new fold flush handle and new model division.

A) with one measure on one side **engraved**.

B) with one measure **laid on**.

C) " two " " " "



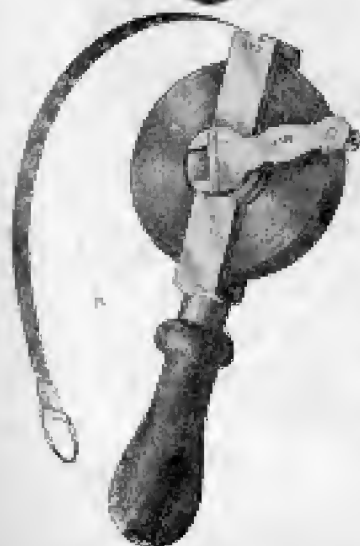
No. 1214 Tape Measures with steel tape.

Mounted on brass frame with the new crank (fixed without screws) and fine polished wood handle.

Width of tape $\frac{1}{2}$ inch.

With the new model divisions.

Length of tape feet	33	50	66	83	100	166
A) with one measure laid on each sh.	27/-	32/6	39/9	48/9	57/9	97/3
B) with two measures laid on each sh.	30/9	37/9	46/9	57/9	68/6	115/3



No. 1213 Tape Measures
with **Non Rusting Steel Tape**.

Mounted on brass frame with fine polished wooden handle. Width of tape $\frac{1}{2}$ inch, new model divisions.

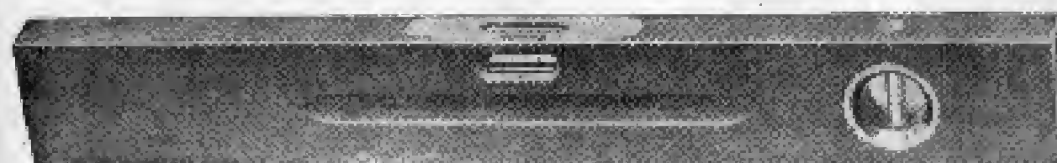
A) with one measure on one side **engraved**.

B) " " **laid on**.

C) " two " " "

Length of tape feet	33	50	66	83	100	166
A) with one measure engraved each sh.	57/9	72/-	90/-	111/9	133/3	223/3
B) with one measure laid on each sh.	50/6	61/3	75/9	93/9	111/9	187/3
C) with two measures laid on each sh.	57/9	72/-	90/-	111/9	133/3	223/3

Plumbs and Levels. — Spirit Levels.



No. 1235 Best oiled oak with two level sights.

Length inch	8	10	12	14	16	18	20	24	28	30	32	36	40
doz. sh.	28/10	30/8	33/8	36/-	39/8	43/3	48/-	52/10	57/8	61/10	67/10	75/8	86/5

Extras. For prices of brass plated ends see below.



No. 1235 1/2 Best oiled oak with three level sights.

Length inch	8	10	12	14	16	18	20	24	28	30	32	36	40
doz. sh.	33/8	35/5	37/10	40/10	44/5	48/8	53/5	58/3	63/-	67/10	73/10	82/3	93/-



	A	B	C	D	E
Brass plated ends extra	A	B	C	D	E
for length of 8 to 14 inch. each sh.	3/3	2/2	1/7	2/10	1/3
" " 16 to 40 " " " "	6/6	2/8	1/11	2/10	1/3



No. 1558 Beech Wood Body fine red varnished. Top full brass plated. bottom ends brass plated about 1 inch. Rounded ends.

Length inch	12	16	20	24	30	36	40
each sh.	6/4	7/4	8/9	9/6	11/6	13/6	14/9



No. 1236 Small Spirit Levels.

Best oiled oak. Top full brass plated.

Length inch	6	8	10	12
doz. sh.	25/3	28/3	31/10	34/10



No. 1236^{1/2} Small Spirit Levels.

Best polished oak. Top full brass plated. With 2 levels.
Length inch. 6 8 10 12

doz. sh. 48 8 54/- 59/5 64/10



No. 1238 Small Spirit Levels.

Best oiled oak with small brass top plate.

Length inch. 4 6 8 10 12

p. doz. sh. 13/3 13/3 15/8 17/5 19/10



No. 1239 Small Spirit Levels.

Top level with side views.
Best oiled oak with small brass top plate.

Length inch. 4 6 8 10 12

p. doz. sh. 16/3 16/3 19/10 22/10 26/5



No. 1237 Iron-Case Spirit Levels.

Grey japanned.

Length inch. 4 6 8 10 12

p. doz. sh. 24/- 33/- 39/- 45/- 61/2



Steel Plumb Bobs with Brass Knob.

Weight oz. 7 8 1/2 10 13 1/2 17

No. 1559 jap. p. doz. sh. 10/3 11/5 12/8 14/5 16/10

No. 1560 bright " 12/- 13/10 15/- 17/5 21/-



No. 1561 Plumb Bobs,

bright steel with brass knob.

Weight oz. 5 7 8 1/2 10 12 15 1/2 17 20

p. doz. sh. 9/6 10/9 12/9 14/3 16/- 18/- 20/6 24/-



No. 1562 Plumb Bobs of brass with steel plate and reversible steel point.

Weight oz. 3 5 7 10 12 14

p. doz. sh. 29/6 37/3 43/9 51/9 60/- 64/9



No. 1563 Plumb Bobs.

English pattern, brass with steel point.

Weight oz.	3	4	5	6	8	10	13	16	18
p. doz. sh.	22 9	27 9	32 6	37 3	42 -	46 9	51 9	61 3	66 -



No. 1219 Screw Pitch Gauges

for inside and outside use. Whitworth Standard Thread with 28 gauges or pitches with the following numbers of threads to one inch.

62,	60,	48,	40,	36,	32,	30,	28,
26,	25,	24,	22,	20,	19,	18,	16,
14,	13,	12,	11,	10,	9,	8,	7,
6, 5, 4, 3, and 2.							
p. doz. sh. 16 3							

No. 1219¹: With 17 gauges for Metric „S 1“ Thread from 0.5 to 7 mm
p. doz. sh. 16 3

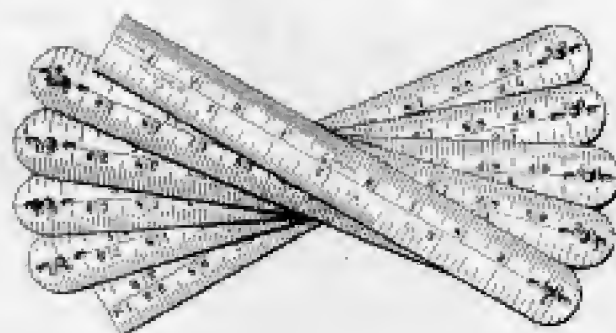
No. 1220 Double Gauges for Whitworth and Metric Thread united in one piece
p. doz. sh. 30 8



No. 1229 Micrometer Screw Gauges.

The Frame is of German Silver and is fitted with Ratchet Stop and Adjusting Screw. Measuring $\frac{1}{1000}$ mm or $\frac{1}{1000}$ of an inch.

Opening mm	10	15	20	25	30	35	45
inches	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{11}{16}$	$\frac{7}{8}$	$1\frac{1}{4}$
each sh.	8 9	10 9	13 3	16 9	19 6	25 6	31 3



No. 1230 Steel Folding Rules.
Machine-divided.

A) 1 1/2 inch. wide; 10 fold.
both sides are divided
into inches and metric.
p. doz. sh. 16 3

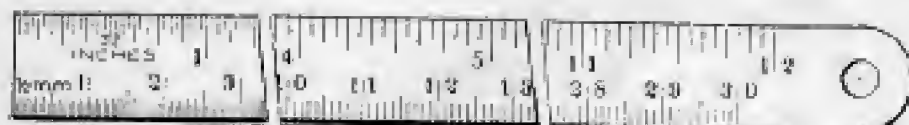
B) 1 1/2 inch. wide; 10 fold.
one side inches, other
side metric.
p. doz. sh. 13 10



No. 1233 Light Metal Rules.

Manufactured of a special durable stainless aluminum alloy. They are unbreakable and unaffected by climatic conditions. The rulers are deeply etched, can be easily read at a distance and have finely polished edges. Joints are fitted with strong brass springs.

A)	Length 39 1/2 inch, or 1 Meter, 6 fold, one side inches, other side metric	p. doz. sh.	48/-
B)	" 30 1/2 " " 1 " " 10 " " " "	" " "	63/-
C)	" 39 1/2 " " 1 " " 6 " " both sides inches and metric	" " "	48/-
D)	" 70 " " 2 " " 10 " " one side inches, other side metric	" " "	72/-
E)	" 36 " " 6 fold, both sides inches	p. doz. sh.	27/-
F)	" 48 " " 8 " " " " " " "	" " "	51/-
G)	" 60 " " 10 " " " " " " "	" " "	63/-
H)	" 72 " " 12 " " " " " " "	" " "	75/-



No. 1564 Steel Rules:

Machine divided on one side. Division $\frac{1}{32}$, $\frac{1}{16}$, $\frac{1}{8}$ inches, millimeters and half millimeters. Width $\frac{1}{16}$ inches, thickness 0.3 mm.

Length inch.	6	8	12
p. doz. sh.	26	31	36



No. 1565 Steel Rules

Machine divided on one side. Division $\frac{1}{16}$, $\frac{1}{32}$, $\frac{1}{64}$ inches, millimeters and half millimeters.

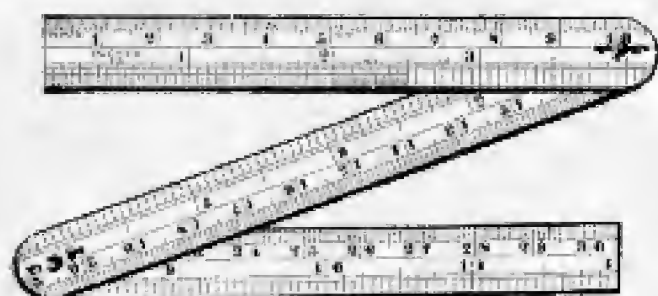
Length inch.	4	6	12	12	24
Width "	$\frac{3}{4}$	$\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{2}$
Thickness mm	0.5	0.5	0.5	1	1.5
p. doz. sh.	3.7	5.1	9.4	12.6	29.9



No. 1566 Steel Folding Rules, 2 fold, 2 feet long.

 $\frac{1}{16}$ inch wide and $\frac{1}{8}$ inch thick.

A) with inches on both sides per doz. sh. 21)
B) one side inches, other side metric 2.)



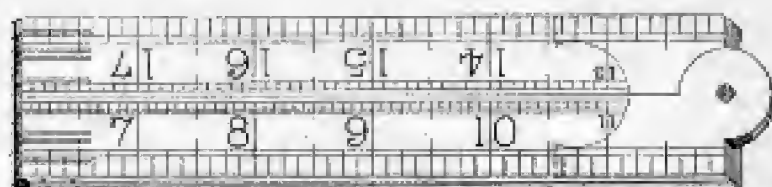
No. 1567 Steel Rules.

Three fold. 1 foot long.
 $\frac{7}{16}$ inch wide and 0.5 mm
 thick. Machine divided.

A) inches and metric on
 both sides p. doz. sh. 5/6

B) inches and metric on
 one side. p. doz. sh. 5/-

C) inches on both sides.
 p. doz. sh. 5/6



No. 1568 Four-fold Boxwood Rules with Arch Joint.

Marked inches in $\frac{1}{16}$, $\frac{1}{32}$, $\frac{1}{64}$ and $\frac{1}{128}$.

	Length feet	2	3
A) $\frac{1}{16}$ inch wide	per doz. sh.	45/-	55/6
B) $\frac{1}{32}$ " " " "	" " "	40/3	49/6
C) $\frac{1}{64}$ " " " "	" " "	35/9	43/9



No. 1231 Wooden Zig-Zag Rules.

Yellow varnished.
 Brass-protected ends. One
 side inches, other side metric.
 $\frac{3}{16}$ inch wide.

A) 6 folds, length $39\frac{1}{16}$ inches or 1 meter	per doz. sh. 7/-
B) 10 " " $39\frac{1}{16}$ " " 1 " " " "	9/-
C) 8 " " 4 feet " " " "	9/-



No. 1232 Rigid Zig-Zag Rules.

Spring Joint. Yellow varnished,
 $\frac{3}{16}$ inch wide, brass
 protected ends.

A) 6 folds, length $39\frac{1}{16}$ inches or 1 meter	per doz. sh. 11/3
B) 10 " " $39\frac{1}{16}$ " " 2 " " " "	20/6
C) 8 " " 4 feet " " " "	14/6

No. 1240 Straight Compasses.

Plain or onlaid joint, all steel,
bright all over.

Length inch	5	6	7	8	9	10	12
per doz. sh.	10/10	12/8	14/5	16/10	19/3	22/10	27/6

No. 1241 Wing Compasses.

Plain or onlaid joint, all steel,
fine bright.

Length inch	5	6	7	8	9	10	12
per doz. sh.	17/5	20/5	23/5	27/-	30/6	36/-	45/-

No. 1262 Compasses

with round legs, plain or onlaid joint,
all steel, fine bright.

Length inch	5	6	7	8	9	10	12
per doz. sh.	12/8	15/-	17/5	19/10	22/3	26/5	33/8

No. 1263 Wing Compasses

with round legs, plain or onlaid joint,
all steel, fine bright.

Length inch	5	6	7	8	9	10	12
per doz. sh.	19/3	22/3	26/5	30/-	33/8	37/10	43/8

No. 1264 Wing Compasses.

English model. Lancashire pattern,
box joint, fine black.

Length inch	6	7	8	9	10	12
per doz. sh.	31/10	36/-	42/-	48/-	55/3	70/10

(bright the same prices)

No. 1265 Wing Compasses.

Latest Novelty.

First take the approximate
measure then tighten the wing
screw finally use the adjusting
screw to secure **Exact**
measure. Fine bright.

Length inch.	6	7	8	9	10	12
p. doz. sh.	31/10	36/-	39/8	43/3	51/-	63/-

No. 1266 The same wing Compass as No. 1265 but with round legs.

Length inch.	6	7	8	9	10	12
p. doz. sh.	34/3	39/-	43/3	46/10	55/10	69/-



No. 1244 Spring Dividers.

Bright with flat spring and wing nut.

Length inch. 4 5 6 7 8

p. doz. sh. 18/- 19/- 19/10 23/5 29/3



No. 1244 1/2 Outside Callipers.

Bright with flat spring and wing nut.

Length inch. 4 5 6 7 8

p. doz. sh. 23/5 23/5 25/3 28/ 34/3



No. 1242 Inside Callipers, bright

Length inch. 5/4 5/5 6 7 8 9 10 12

p. doz. sh. 6/- 6/- 9/- 12/8 16/10 21/8 26/5 36/-



No. 1243 1/2 Outside Callipers, bright.

Length inch. 4 5 6 7 8 9 10 12

p. doz. sh. 6/- 6/- 9/- 12/8 16/10 21/8 26/5 36/-



No. 1267 Combination Inside and Outside Callipers, bright.

Length inch. 4 5 6 7 8 9 10 12

p. doz. sh. 15/- 15/- 17/6 22/9 28/3 43/3 52/3 70/3



No. 1245 Soldering Outfit in cardboard box.

A very useful household tool for repairs. For soldering or tinning any metallic parts without the use of ammoniac, colophane or other acids.

Always ready for use.

Price of outfit with soldering paste in sticks each sh. 6.5



No. 1268



No. 1245 1/2



No. 1269

Benzine Soldering Irons with Brass Receptacles.

No. 1268 **Small Size**, specially for auto cars etc. Length 15 inch, weight of copper bit 7 oz., capacity of receptacle $\frac{1}{10}$ pint each sh. 25/-

No. 1245 1/2 **Medium Size** for garage and out door work. Length 18 inch, weight of copper bit 10 oz., capacity of receptacle $\frac{1}{8}$ pint each sh. 33/-

No. 1269 **Large Size**, specially for out door work. The flame burning in the tube makes it stormproof. Length 20 inch, weight of copper bit 10 oz., capacity of receptacle $\frac{1}{4}$ pint each sh. 36/-



**No. 1247 Benzine
or Benzoline Soldering Lamps.**

Polished brass container of one piece. Solid construction. **Without pump.** Current model. Capacity $\frac{1}{2}$ pint. Burns at full blast 50 minutes.

A) with guard each sh. 16/9

B) without guard 14/9

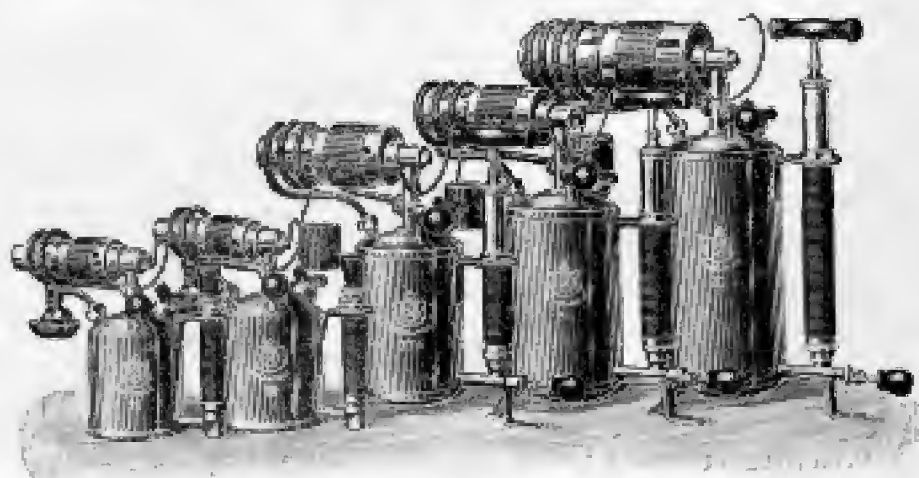


**No. 1270 Benzine
or Benzoline Soldering Lamps.**

With pump. Polished brass container of one piece. Solid construction. Current model. This lamp burns a full flame from the beginning. Capacity 1 pint. Burns at full blast 1 1/2 hour. Melts copper wire at $\frac{1}{16}$ inch in $\frac{1}{10}$ minute.

A) with guard each sh. 26/6

B) without guard 24/6



No. 1272 Benzzine or Benzoline Soldering Lamps.

With pump. Polished brass container of one piece. The solid and practical construction has been highly commended by experts. Clearing of this lamp is effected by opening the screw of the carburettor behind the burning tube.

Size No.	A	B	C	D	E
Burns at full blast minutes	67	95	75	75	70
Length of flame . . . inch	9	9½	15	15	20
Capacity appr. pint	1½	2	3	4½	6½
Weight lbs.	2½	4	6½	7½	10½
each sh.	39/-	43/-	83/-	97/6	117/-



No. 1273 Pocket Soldering Lamps

for spirit. Nickel plated tin plate.
p. doz. sh. 27/-



No. 1246 Soldering Lamps.

	Size No.	00	0	1	2	3
Diameter of body inch.		2¾	2¾	3¾	3¾	4
Total height .		5¾	5¾	6¾	6¾	7
A) Copper with black iron mantle						
each sh.		7/-	8/-	8/6	9/6	12/3
B) All copper, fine polished						
each sh.		8/10	9/9	10/6	12/3	15/-



No. 1248 Soldering Paste without acid.

The best on market, without the use of ammoniac, colophane etc.

A) soft paste in tin box.

Contents ozs. 4 8 17 33

each sh. 2/2 4/1 8/- 15/9

B) paste in sticks

	for jewellers etc.			for general use.		
Diame. mm.	1	1 1/2	2	3 1/2	5	8
p. lb. sh.	9/9	8/9	8/3	7/9	7/6	7/3



No. 1246 Soldering Irons.

No. 1246 a Hatchet shape.

Price of copper bits only sh. 3/- per lb.

A B

Price of handles extra each sh. 1/1 1/6

No. 1246 b Pointed shape.



No. 1249 Hatchet head.



1249 1/2 Pointed head.

Light Soldering Irons for Jewellers and Amateurs.

Size No.	1	2	3	4	5	6	7	8	9	10
Weight of copper oz.	1	1 1/4	1 1/2	2	2 1/4	2 1/2	3	3 1/2	4 1/2	6
p. doz. sh.	9/-	10/3	10/10	12/8	14/5	16/3	18/-	20/5	22/10	25/3



No. 1252



No. 1253

Steel Figures and Letters.

In tin boxes with covers.

No. 1252

Figures in sets of 9 (0 to 9)

No. 1253

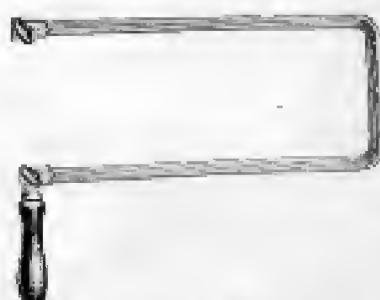
Letters in sets of 27 (A to Z)

		Height millimeters		1	1 1/2	2	3	4	5	6	7	8	9	10
				inches		1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16
No. 1252	A) extra	Quality	p. set	sh.	3/6	3/10	3/8	3/6	3/8	3/10	4/5	5/2	6/1	8/2
	B) first	"	"	"	3/2	2/9	2/11	3/2	3/4	3/6	3/11	4/8	5/5	6/2
No. 1253	A) extra	"	"	"	10/6	9/-	9/9	10/6	11/-	11/6	13/3	15/6	18/-	20/6
	B) first	"	"	"	8/6	8/3	8/9	9/6	10/-	10/6	11/9	14/-	16/3	18/6



No. 1200
Fretsaw Frames.

Polished swivel handle and
screw, bright polished frame.
doz sh. 29/-



No. 1201 Fretsaw Frames.

Varnished handle, bright frame
with cramps. Cheap Quality.
doz. sh. 10/-



No. 1203
Fretsaw Frames.

Varnished handle, bright frame
with wing out.
doz sh 21/-



No. 1204 Fretsaw Frames.

High superior quality. Fine
polished swivel handle, strong
oval steel frame fine nickel
plated.
doz. sh. 77/-

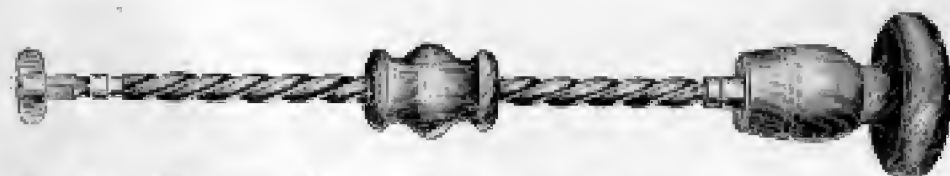


No. 1210 Fret Saws for Wood and Horn 5 inch long.

	Size No.	00 to 6	7 to 8	9 to 10
A) extra quality p. gross sh.		1/11	2/2	2/3
B) first " " " "		1/6	1/8	1/10

No. 1211 Fret Saws for Metal, 5 inch. long

	Size No.	6/0	5/0	4/0	3/0 to 4
A) extra quality p. gross sh.		5/-	4/6	3/11	2/5
B) first " " " "		—	—	—	2/3



No. 1015 Drills for Mechanics etc. Fine polished wooden parts, strong solid construction with 6 bits. Current model.

Length of twist inch	8	10	12	14	16
doz. sh.	20/-	36/-	42/-	48/-	54/-



No. 1014 Reciprocating Drills.

American pattern. Total length 16 1/2 inch. With permanent right hand action, ball-bearing, rosewood handle and head. Nickel-plated 3 jaw chuck taking straight shank drills up to 1/2 inch. each sh. 50/3



No. 1185 Amateur Drills.

Chequered polished wooden parts. length of twist 7 inch.

	without	5	6	Bits
doz. sh.	5/-	6/6	7/-	



No. 1186 Amateur Drills.

Black polished wooden parts. Length of twist 7 inch.

	without	3	6	Bits
doz. sh.	4/6	5/-	5/6	

No. 1190 Drill Points extra (packed in envelopes of 25 pieces assorted). per thousand sh. 18/-



No. 1171 Garden Rakes.

Blue painted half length, round teeth.

No. of teeth	6	8	10	12	14	16	18
doz. sh.	5/3	7/-	9/-	10/6	12/3	14/3	16/-



No. 1170 Garden Rakes.

Superior Quality. Drop forged steel of one piece. Blue painted half length.

No. of teeth	6	8	10	12	14	16	18
doz. sh.	8/-	11/-	13/3	15/3	18/6	21/6	25/6



No. 1178 Garden Trowels
with socket handle. Bright, $\frac{1}{2}$ red painted.
polished handle. Length all over 14 inch.
per doz. sh. 8/6



No. 1179 Garden Forks
with socket handle. Bright, $\frac{1}{2}$ red painted.
polished handle. Length over all 13 inch.
per doz. sh. 10/6



No. 1180 The same Trowel as No. 1178
but with 14 inch long handle. Total length
about 22 inch per doz. sh. 12/-



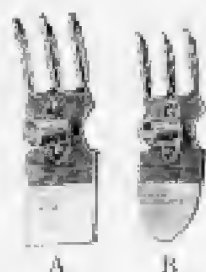
No. 1181 The same fork as No. 1179
but with 14 inch long handle. Total length
about 21 inch per doz. sh. 14/-



No. 1188 Garden Trowels.
Fine black polished handle, nickel-plated
terrule. $\frac{1}{2}$ bright and $\frac{1}{2}$ red painted.
per doz. sh. 13/9



No. 1176 $\frac{1}{2}$ Garden Forks.
Black polished handle, nickel-plated fer-
rule, fork $\frac{1}{2}$ bright and $\frac{1}{2}$ red painted.
Total length 12 inch. per doz. sh. 16/6



No. 1183 Garden Hoes.
Length 10", Width 4".
A) square blade
B) pointed
Black japanned, blades half bright.
A or B
per doz. sh. 12/6



No. 1184 Garden Hoes.
Length 10 inch.
Black self colour
A) square bld., 2 1/2" wide
B) pointed " 2 1/2" "
A or B
per doz. sh. 17/-



No. 1433 Garden Hoes.
Forged steel, black self colour.
A) with 2 teeth, B) with 3 teeth.

	Weight	abt	ozs.	7	9	11	14	17
A) with 2 teeth	per doz.	sh.	15/-	16/-	17/-	19/-	21/-	23/-
B) " 3 " " "	" " "	"	16/-	17/6	19/-	21/-	24/6	



No. 1192 Garden Hoes.
Half blue painted,
half bright.

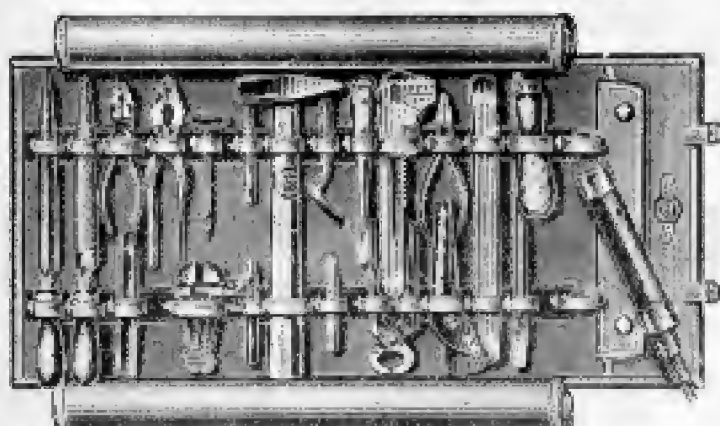
Width inch	4	5	6	7	8	9
per doz. sh.	8/-	9/-	10/-	10/9	11/-	12/-



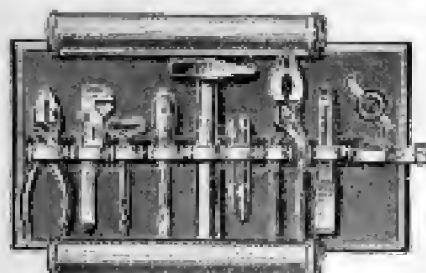
No. 1145 $\frac{1}{2}$ Dutch Hoes.
Stamped from one piece
of best steel sheet.

Width inch	5	6	7	8	9	10
p. doz. sh.	10/6	12/-	14/-	14/6	15/3	17/3

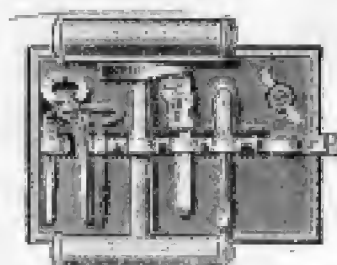
Tool-Kits for Motor-Cars and Cycles.
Best Quality Tools and Best Canvas Case.



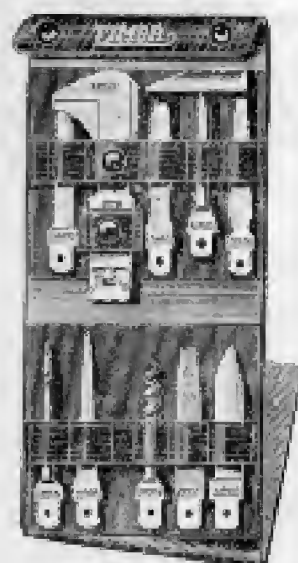
No. 5002 with 20 best tools per set sh. 32.-



No. 5001 with 9 best tools
per set sh. 9.3



No. 5000 with 5 best tools
per set sh. 6.9



No. 5005
Tool-Pads.

Fine strong leather case, 10 fittings with spanner.

A) fine polished (glazed)
per set sh. 20.9

B) nickel-plated
per set sh. 26.9



No. 5015 Tool-Pads.

American pattern. Fine rosewood polished handle with brass ferrule and nickel-plated top-cover. With 12 best tools. Length 4 1/2 inch when closed . . . per doz. sh. 40.-

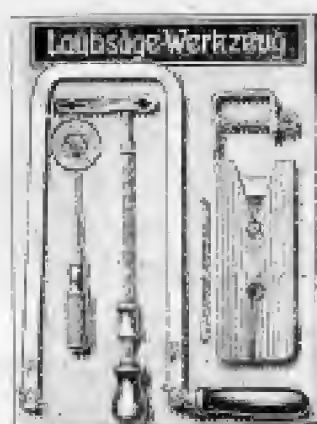
No. 5016 The same Tool-Pad as above but larger and with 6 larger tools. Length 5 1/2 inch when closed . . . per doz. sh. 40.-



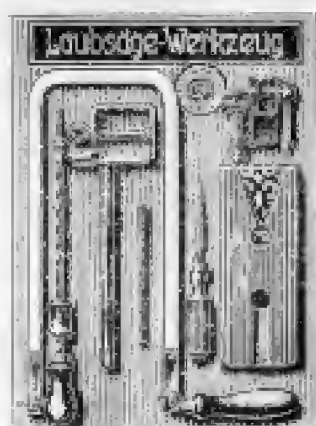
No. 5017 Tool-Pads.

Light polished maple wood handle with 10 best tools. Length 16 inch. per doz. sh. 24.-

Freisaw Outfits on Cards.



No. 5150 Price per dozen sh. 39/-



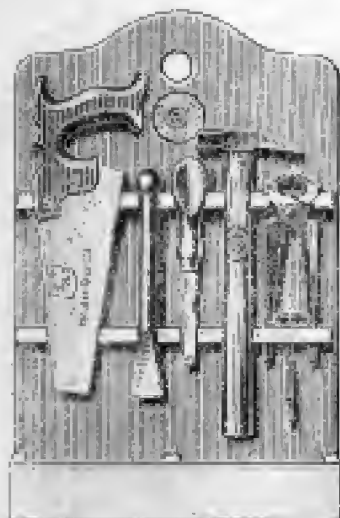
No. 5165 Price per dozen sh. 58 6



No. 5160 Price per dozen sh. 86 6

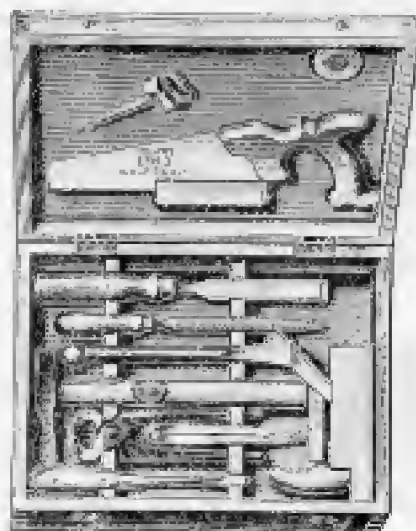
Tool Outfits in Chests, Cases or carded.

The Tools are of best Quality and finish. Chests, cases or wooden cards are very fine varnished.



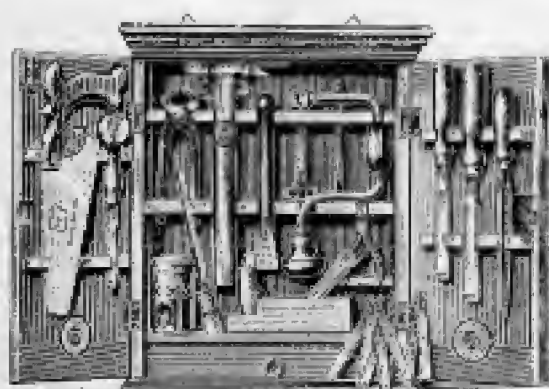
No. 5100 Tool Boards.

Measurements inch. 18×12×3
Approximate Weight 6 lbs.
including 6 tools.
Price per set sh. 17/6



No. 5110 Tool-Case.

Measurements inch. 12×9×4
Approximate Weight 8 lbs.
including 10 tools.
Price per set sh. 3/0

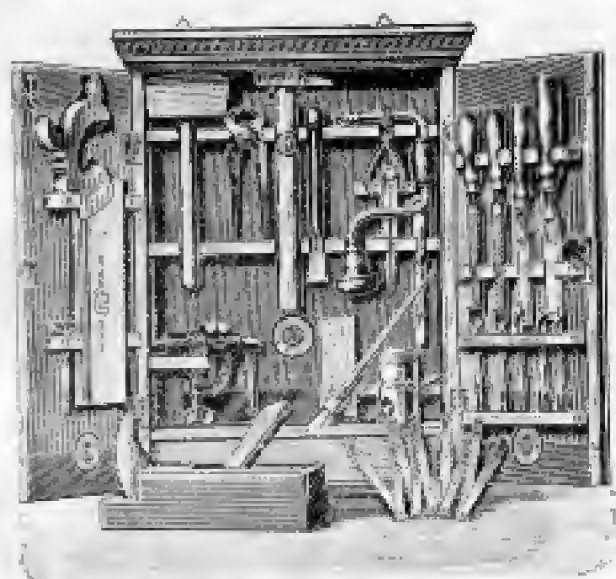


No. 5120 Tool-Chest.

Measurements inch. 13×13½×5½
Approximate Weight 14 lbs.
including 17 tools.
Price per set sh. 78/-

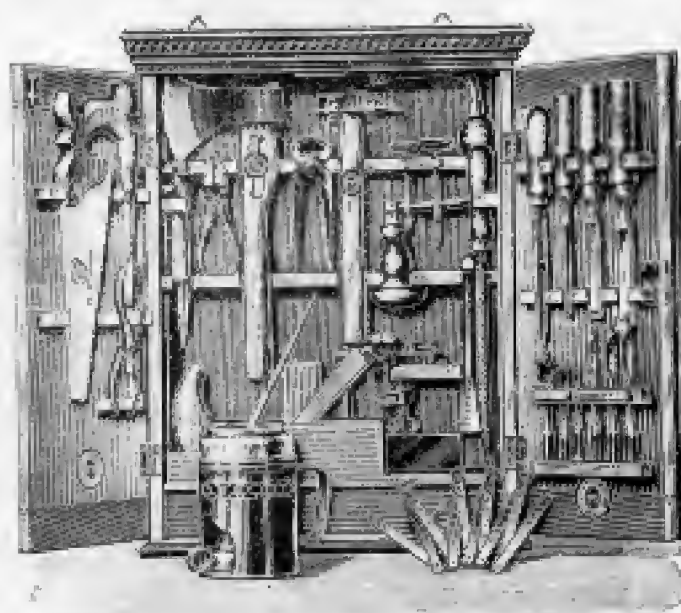
Tool-Chests.

Tools of best Quality and finish. Chests are very fine varnished.



No. 5125
Tool-Chest,
including 26 tools.

Measurements
inch. $21 \times 16 \times 6$
Appr. Weight 22½ lbs.
Price per set sh. 110,-



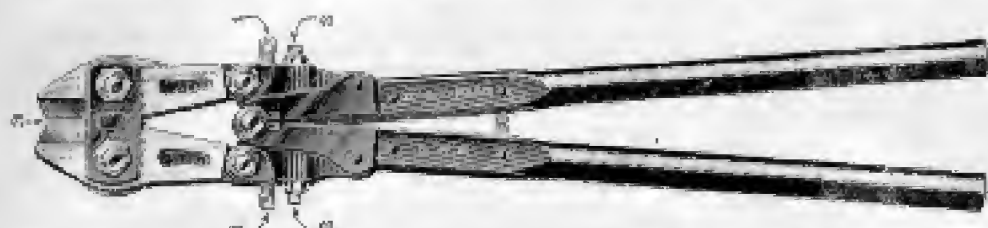
No. 5130
Tool-Chest,
including 31 tools.

Measurements
inch. $24 \times 18 \times 7$
Appr. Weight 29 lbs.
Price per set sh. 144 -



No. 1603 Chain Pipe Wrenches.
Double jaws. American pattern.

Take pipes from inch	$\frac{1}{2}$ — $\frac{3}{4}$	$\frac{1}{2}$ —1	$\frac{1}{2}$ —2	$\frac{1}{2}$ —4	1—6	1 $\frac{1}{2}$ —8	2—12
each sh.	7/6	12/6	20/3	28/6	44/-	59/6	94/6
extra chains	1/9	2/6	3/9	5/6	2/6	13/3	27/-



No. 174 Bolt Clippers.
(Patent) with adjustable and interchangeable knives.

Cutting large bolts up to 20 mm or steel wire with an ordinary Bolt Clipper is **hard work** although these materials need be cut only to a certain depth whereupon they burst asunder. — In **using this Patent Bolt Clipper** you will do with **less manual strength**. The steel tube shanks are provided with a solid joint and the knives are adjustable and interchangeable. The adjustment is done easily and rapidly by means of the screw 1 in loosening a little the screwnut 2 and turning it home after the adjustment has been effected. The **patent innovated Guides** hold the knives **absolutely firm** in the position wanted. This **Patent Bolt Clipper is superior to all other Bolt Clippers** and even **stronger** than the American pattern with its many pieces of casting.

Length inch	12	15	18	24	30	33	36	38
Cut screw bolts up to mm	7	8	10	13	15	18	19	21
round iron	6	7	8	10	13	15	17	19
each sh.	8/6	12/-	15/9	25/3	38/-	45/-	53/6	55/6
spare knives per pair	3/8	5/2	6/8	12/-	16/6	18/8	25/3	27/-
heads complete each	5/5	6/11	9/8	15/8	21/8	24/-	33/-	35/5



No. 1610 Scrapers.
Triangular, concave, spoon shape, bent.

Length without handle inch	4	6	8	10	12
Length of spoon only	2 $\frac{1}{2}$	3	4	4 $\frac{1}{2}$	5
per doz. sh.	18/-	20/-	23/-	25/3	29/-

Special sizes on demand.



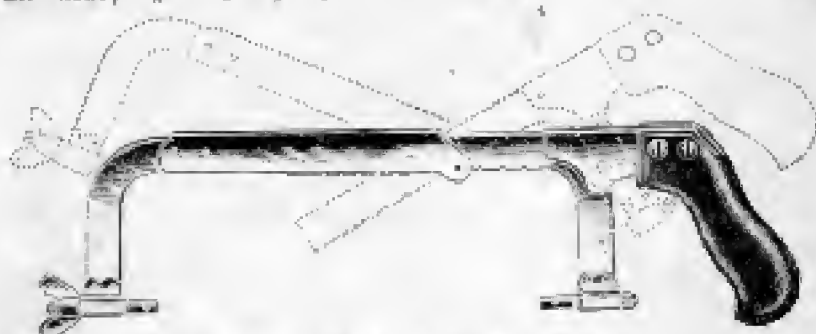
No. 1611 Scrapers.
Triangular, concave, spoon shape, straight.

Length without handle 8 inch
Length of spoon only 4 inch
per doz. sh. 23/-



No. 724/725 Adjustable Hack Saw Frames
with black polished wood handles. For blades from 8 to 12 inch.

		a fine polished nickel-plated	b bright
No. 724	light model per doz. sh.	35/6	30/9
No. 725	heavy " " " "	41/6	36/-



No. 726 Adjustable Hack Saw Frames. Extra heavy.
With black polished wood handles. For blades from 8 to 12 inch.

a) fine polished nickel-plated per doz. sh. 47/-
b) bright, " " " " " " " " 40/3



No. 1609 Improved Drills Chucks „Alero“

Latest model. Absolute precision.
Very superior quality. Fully guaranteed.

Size No.	1	2	3	4	5
Capacity about inch	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$
mm	0-6	0-10	0-13	3-10	5-20
Diameter about inch	$\frac{1}{2}$	$\frac{1}{4}$	2	$2\frac{1}{2}$	$2\frac{1}{2}$
each sh.	17/9	20/9	27/6	29/6	46/3



No. 4000 The
„Pathos-Record“
Tin Opener.

Very handy. Opens easily round and
square tins. Without competition in
workmanship and price.

a) nickel-plated handle p. doz. sh. 23/-
b) unfinished " " " " " " 17/6

Latest Novelties in Improved Hydraulic Jacks.

Double Action Lifting Spindles
Self Oiling. (D. R. P. a.)

1 Year Guarantee. Absolutely oil tight. Safe lifts.
Low construction giving maximum lift.



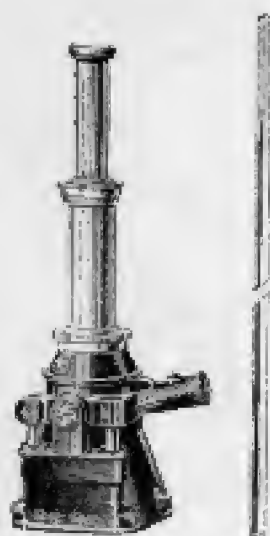
fully extended

No. 1612 Improved Hydraulic Jacks
for all Cars up to 2 tons.

	Size	1	2
Lifting Capacity . . . tons		2	2
Height when closed inch		7	7 1/2
" extended "		14	16 1/2
Weight complete . . . lbs.		10 1/2	11
each sh.		72.-	75/3



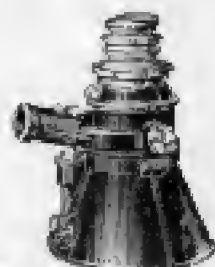
closed



fully extended

No. 1613 Improved Hydraulic Jacks
with 2 Pumps for heavy Cars and
Omnibuses with Balloon Tyres.

	Size	1	2
Lifting Capacity . . . tons		3 1/2	4
Height when closed inch		8 1/2	8 1/2
" extended "		16 1/2	16 1/2
Weight complete . . . lbs.		20	26 1/2
each sh.		102.-	150.-



closed



fully extended

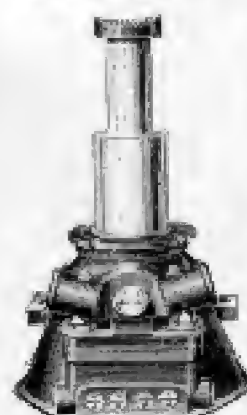


No. 1614 Improved Hydraulic Jacks
for heaviest Type Motor Lorries and
Omnibuses with Balloon- or extra
heavy solid Tyres.

Lifting Capacity . . . tons	9
Height when closed inch	97 1/2
" " extended "	19 1/2
Weight complete . . lbs.	48
each sh.	255.-



closed



fully extended



No. 1615 Improved Hydraulic Jacks
for heavy Cars with extra low axles
and with Balloon Tyres.

Lifting Capacity tons	8
Height when closed "	6
" " extended "	12 1/2
Weight complete lbs.	34 1/2
each sh.	240.-



closed



fully extended

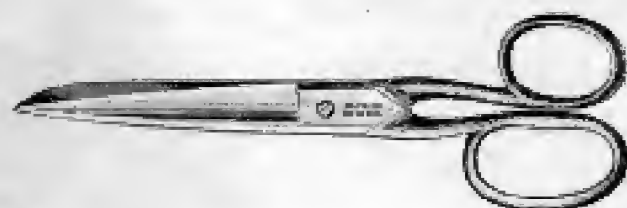


No. 1616 Cheap but Good Improved
Hydraulic Jack for light and
medium Cars up to 1 1/2 tons.

Lifting Capacity . . . tons	1 1/2
Height when closed inch	7 1/2
" " extended "	17
Weight complete . . lbs.	7 1/2
each sh.	56.-



closed



Cutting Shears

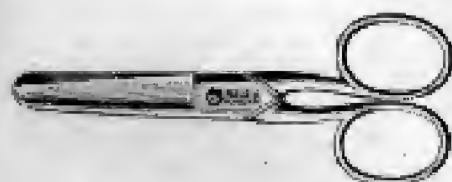
Double bow.

		inch	6	6½	7	7½	8
No. 3010	forged steel, real screw, fine nickel-plated	per doz. sh.	21/9	24/-	27/9	31/-	34/6
No. 3011	forged steel, rivetted, fine nickel-plated	per doz. sh.	20/6	22/9	26/6	29/6	33/-
No. 3012	cast, rivetted, nickel plated		14/9	16/-	17/6	19/-	21/-



Household-Scissors.

		inch	5	5½	6	6½	7
No. 3013	forged steel, real screw, fine nickel-plated	per doz. sh.	15/-	16/6	18/-	20/6	23/-
No. 3014	forged steel, rivetted, fine nickel-plated	per doz. sh.	14/3	14/-	16/6	19/-	21/9
No. 3015	cast, rivetted, nickel-plated		7/9	8/6	9/6	10/9	12/-



Pocket Scissors.

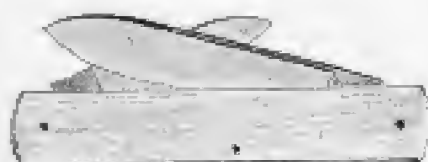
		inch	3½	4	4½	5
No. 3016	forged steel, real screw, fine nickel-plated	per doz. sh.	14/3	14/9	15/9	17/3
No. 3017	cast, rivetted, nickel-plated		8/3	8/6	9/3	10/3



Nail Scissors

straight and bent.

		straight		
		inch	3½	4
No. 3018	forged steel, real screw, fine nickel-plated p. doz. sh.		14/-	14/6
No. 3020	cast, rivetted, nickel-plated		8/3	8/9
		bent		
No. 3019	the same scissors as No. 3018 but bent		16/3	17/-



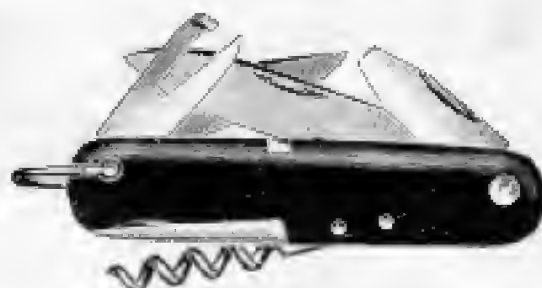
Penknives with 2 Razorsteel blades,
full polish.

No. 3040 with 1/2 in. Ivory handles
per doz. sh. 29/6
No. 3041 with 1/2 in. Buffalo handles
per doz. sh. 38/6



Penknives with double bolster
and shield and 2 fine steel blades.

No. 3042	No. 3043	No. 3044
with bone handles	with black handles	with 1/2 in. handles
each No. per doz. sh. 22/3		



Penknives with 6 fittings and
shackle.

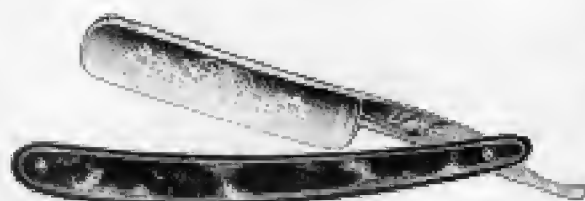
No. 3045 iron lined
a) black handles p. doz. sh. 25/3
b) red " " " " 25/3
No. 3046 brass lined
a) black handles p. doz. sh. 28/6
b) red " " " " 28/6



No. 3060 Razors.
Superior Quality

High grade steel, full hollow
ground. Each razor fully
warranted.

inch	3/4	1/2
per doz. sh.	68/6	70/6



No. 3065 Razors with
imitation shell handles, reliable
blade, good finish.

inch	3/4	1/2
per doz. sh.	28	29/6

Safety-Razors.



Nonscrewing shaving-apparatus, solid brass in metal case. Handle consisting of two telescoping parts. The top-part nickel-plated and highly polished. Size of case about 48x44x16 mm, inside velvet lined in various colours. Stylishly and smartly made up in various designs.

No. 3075 Brass nickel-plated, well polished case. per doz. sh. 18.-

No. 3076 Japanned case. " " " 16/3

No. 3077 The smallest pattern, in smart light leather case. per doz. sh. 16/3



No. 3078 High Class Safety Razor, in imitation leather case with rounded corners, containing 6 Romi-Extra blades. per doz. sh. 59/6

No. 3079 High Class Safety Razor in upright Nickel case, velvet lined, containing 6 Romi-Extra blades. per doz. sh. 90.-

No. 3080 Leather. First class Safety Razor in real black leather case, velvet and silk lined, containing 6 Romi-Extra blades. per doz. sh. 59/-



No. 3081 High Class Safety Razor in imitation leather case blue or yellow velvet lined, containing 6 Romi-Extra blades. per doz. sh. 49/9

No. 3082 High Class Safety Razor in flat Nickel case, velvet lined, containing 6 Romi-Extra blades. per doz. sh. 81/-



No. 3085 Stropping Machines.

The simplest, best and cheapest Stropping-Machine with real leather strop, which sharpens all four edges at once. per doz. sh. 59/6



No. 3088 Blades „Romi“ p. gross sh. 15/3

No. 3089 „Romi-Extra“ „ „ „ 21/9

No. 3090 „Romi-Extra-Gold“ „ „ „ 29/3

No. 3091 „Romi-Extra-Prima“ „ „ „ 32/6

No. 3095 Hair Clippers.
Heavily nickel-plated.

- A) without sliding combs, cutting 3 mm
per doz. sh. 54/-
B) with 2 sliding combs, cutting 3.5 and
7 mm per doz. sh. 63/-
C) with 2 sliding combs, cutting 1.3 and
5 mm per doz. sh. 69/-



No. 3097 Beard Clippers.
The same model as No. 3095.
Heavily nickel-plated. Short cut.

- A) cutting $\frac{1}{32}$ mm . . . per doz. sh. 93/-
B) " $\frac{1}{16}$ " " 72/-



No. 3096 High Superior Quality
Hair Clippers „Jewel“.

These hair clippers have a great advantage
over all others in that a novice can take
them to pieces and refix them without
touching the spring which remains fixed
in its case. Finely nickel-plated.

Fully warranted.

- A) without sliding combs, cutting 3 mm . . . per doz. sh. 156/-
B) with 2 sliding combs, cutting 3.5 and 7 mm . . . 192/-
C) " 2 " " 1.3 " 5 " " 198/-



No. 3098 High Superior Quality Beard
Clippers „Koh-i-Noor“.

Fine nickel-plated. Fully warranted.

- A) cutting $\frac{1}{32}$ mm per doz. sh. 138/-
B) " $\frac{1}{16}$ " " " 138/-



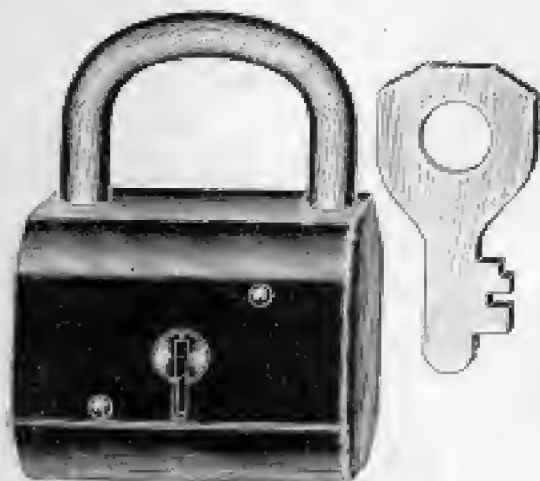
No. 2200
Automatic-Safety-
Padlocks „Tip Top“

Black japanned, fine nickel-plated
caps, nickel-plated shackle and
2 keys.

Size 1 $\frac{1}{2}$ inch.

(Illustration shows natural size.)

per doz. sh. 19 9



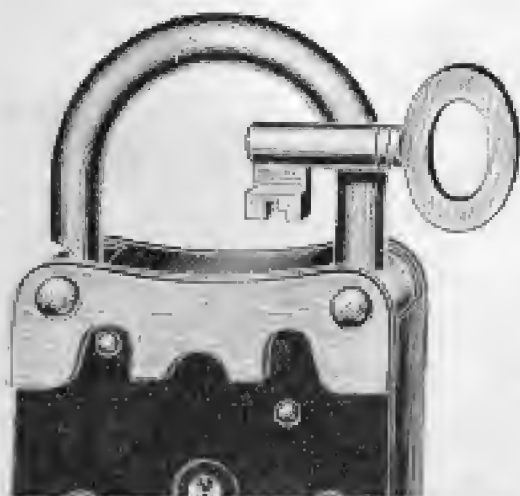
No. 2201

Automatic Padlocks.

Black japanned, nickel-plated
shackle and 2 keys.

Size 1 1/2 inch,
illustration shows natural size,

per doz. sh. 7.-



No. 2202

Safety-Padlocks.

Black japanned, nickel-plated
shackle and nickel-plated protection
plates with 2 keys.

Size 2 inch.
(Illustration shows natural size.)

per doz. sh. 6-9



2 1/2 inch — natural size

No. 2203
Automatic Safety
Armoured Padlocks
with 2 keys.

- a) iron, black japanned with
scoured keys.
- b) iron, black japanned, **scoured**
nickel-plated caps, shackle and
keys.
- c) iron, black japanned, **smoothed**
nickel-plated caps, scoured nickel-
plated shackle and keys.
- d) iron, black japanned, **polished**
brass caps, scoured nickel-
plated shackle and keys.

	Size inch	3/4	1	1 1/4	1 1/2	2 1/4	2 1/2	3	3 1/2
a) per doz. sh.	5.1	5.9	6.3	7.5	8.8	12.6	23.3	33.7	
b) " " "	5.11	7.3	8.10	10.2	11.10	16.11	27.10	40.9	
c) " " "	7.8	9.8	12.5	14.8	16.11	25.7	36.6	48.4	
d) " " "	7.6	12.7	15.11	19.7	22.7	31.6	44.10	73.7	
Third key p. doz. sh. extra	1.5	1.5	2.2	2.5	2.9	3.7	3.8	4.8	



natural size

No. 2204
Safety Padlocks.

Extra heavy
with 2 keys, 2 turns, 6 lever.

Iron, all black japanned with
brass key-guide and
2 nickel-plated keys.

Size inch	2 1/2
per doz. sh.	24 -



natural size

No. 2205
Automatic Padlocks.
6 lever, 2 keys.

Iron, black japanned, brassed
shackle with 2 nickel-plated
double-bitted keys.

Size inch	2
per doz. sh.	12 3

No. 2206
Automatic Padlocks.
1½ turns.

Iron, black japanned, nickel-plated
shackle and 2 nickel-plated keys,
brassed pins and front plate,
brass key guide.

Size inch	1½	2	2½	3
p. doz. sh.	5.6	7.-	9.-	20 3



1½ inch = natural size

No. 2207
Automatic Padlocks.
1½ turns, 2 keys.

Iron, black japanned with bright shackle
and front-plate, brass key-guide.

Size inch	1½	1¾	2¾
per doz. sh.	5.-	6.-	8.2



1½ inch = natural size



natural size

No. 2208
Automatic Padlocks.

1 1/2 turns, 2 keys.

Iron, black japanned with nickel-plated shackle and protection plates, 2 nickel-plated keys.

Size inch	2
per doz. sh.	6-



1 1/2 inch = natural size

No. 2209
Automatic Padlocks.

1 1/2 turns, 2 keys.

Iron, black japanned with nickel-plated shackle and 2 nickel plated keys, brassed plate and brass key guide.

Size inch	1 1/2	2	2 1/2
p. doz. sh.	4/6	5-	6/9



No. 3210 Oil Cans.

Heavily lined
with seamless body.

Size No.	0	1	2	3	4	5
Capacity about pint	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$
per doz. sh.	23.9	27.3	30.3	41.5	49.5	53.5

Cycle Oilers.

Across body $2\frac{1}{2}$ inch, full length $5\frac{1}{2}$ inch.

No. 3201 Straight nozzle p. doz. sh. 4.3

No. 3202 Bent " " " " 4.3



No. 3203 Oil Cans with bent nozzle.
all' brass and fine polished.

Diameter of body $2\frac{1}{2}$ inch,
height of body $3\frac{1}{2}$ inch, full length 7 inch,
capacity about $\frac{1}{2}$ pint. per doz. sh. 21.6



Metal Brushes.



No. 2401 File Brushes.

Size	1	2	3	4	5
Length and Width without handle inch	$4\frac{1}{2} \times 1\frac{1}{2}$	$4\frac{1}{2} \times 1\frac{1}{2}$	$6 \times 1\frac{1}{2}$	$6\frac{1}{2} \times 2$	$6\frac{1}{2} \times 2\frac{1}{2}$
per doz. sh.	3.10	4.6	5.9	6.5	7.5

No. 2402 File Brushes

without handle.

Size No.	1	2
Length and Width inch	$3\frac{1}{2} \times 1\frac{1}{2}$	$5\frac{1}{2} \times 2\frac{1}{2}$
per doz. sh.	6.6	7.3



No. 2403 File Brushes.

Size of wood back (without handle)
 $6 \times 1\frac{1}{2}$ inch. With round wires 1 inch long.

a) hardened steel wires p. doz. sh. 14.6
b) brass wires " " " " 22.5



No. 2404

Brushes for Sparking Plugs

with thin brass wire. Size of wood back
(without handle) $2 \times \frac{1}{2}$ inch.
per doz. sh. 12.9



Metal Foundry Brushes.



No. 2405 With bent handle and round steel wires $1\frac{1}{2}$ inch long. With 4 rows of knots. Length of wood back 6 inch.
per doz. sh. 17/-



No. 2406 Round Brushes.
 $2\frac{1}{2}$ inch diameter of brush with 16 knots of flat steel wires. Wires 3 inch long.
per doz. sh. 22/3

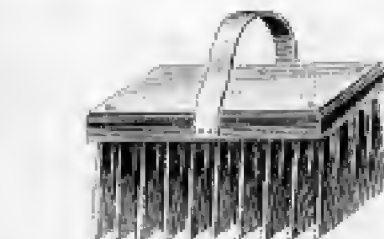


No. 2407 The same brush as No. 2406 but with 29 knots of flat steel wires.
per doz. sh. 33/3



No. 2408 With flat steel wires, 2 inch long. Length of wood back $6\frac{1}{2}$ inch.

a)	with 3 rows of 14 knots	p. doz. sh.	21/-
b)	" 4 " " 14 " " "	" " "	25/6
c)	" 5 " " 14 " " "	" " "	30/6
d)	" 6 " " 14 " " "	" " "	34/-
e)	" 7 " " 14 " " "	" " "	41/3



No. 2409 With flat steel wires, 3 inch long. Every knot contains 8 wires. Length of wood back $6\frac{1}{2}$ inch.

a)	with 2 rows of 10 knots	p. doz. sh.	17/6
b)	" 3 " " 10 " " "	" " "	23/6
c)	" 4 " " 10 " " "	" " "	27/-
d)	" 5 " " 10 " " "	" " "	30/6
e)	" 6 " " 10 " " "	" " "	39/3
f)	" 6 " " 13 " " "	" " "	43/-

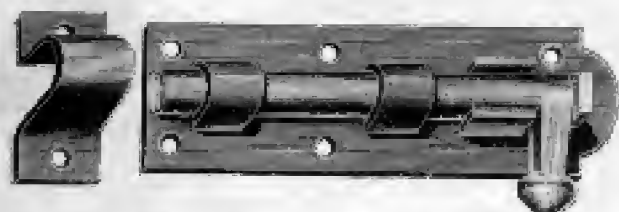
No. 2410 With flat steel wires, 3 inch long. Every knot contains 8 wires. Length of wood back $6\frac{1}{2}$ inch. With strap handle.

a)	with 4 rows of 10 knots	p. doz. sh.	25/-
b)	" 5 " " 10 " " "	" " "	30/6
c)	" 6 " " 10 " " "	" " "	34/-
d)	" 6 " " 13 " " "	" " "	41/9



No. 1849
Bright Gate Hooks
with eyes.

Size inch	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	6	7	8	9	10	12
Gross sh.	4/9	5/9	7/3	7/10	9/6	11/6	13/6	16/3	17/9	23/9	24/6	30/6	31/-	36/6



No. 1850
Tower Bolts.

Japanned with bright rolled
bolt and japanned cramp.

inch	3	3½	4	4½	5	5½	6	7	8	10	12
per doz. sh.	21	22	23	24	26	29	31	36	41	56	69



No. 1860
Magnetic Table Steels.

Black polished handle with ring.

Length of blade 8 inch

per doz. sh. 12'9



No. 1870
Pocket Balances.

Size measurement of dial inch capacity up to lbs.	I 3½×1½ 25	II 5½×1½ 30	III 5½×1½ 50	IV 6½×1½ 75	V 7½×1½ 100	VI 9×1½ 150
a) brass dial, flanged hook and ring per doz. sh.	5'8	11'3	16'11	24'9	30'5	50'8
b) brass dial, hook and ring . . . per doz. sh.	5'4	10'9	16'1	23'6	29'1	48'2
c) a and b with flanged scale and chain <u>extra</u> p. doz. sh.	11'3	13'1	18'1	—	—	—

These balances are supplied with following divisions:

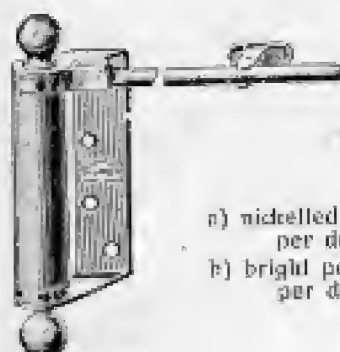
Kilos on one side and on both sides,	Spanish lbs. only,	English lbs. only,
and Spanish lbs.,	English	and Katties,
" Katties,	Dutch pounds and Katties,	
" Oka-Okes,	Oka-Okes and Rollotis.	

When ordered division of dial is always to be specified.



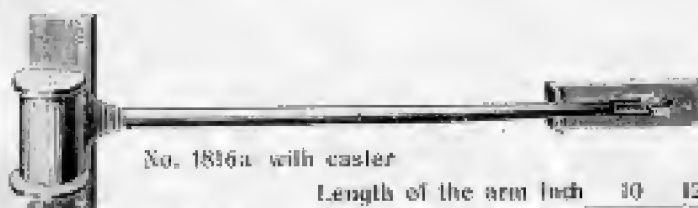
No. 1810
Animal Traps.
Solid construction. Steel
spring, polished bows.

Length inch	10	12	14	16	18	20	24
per doz. sh.	16'6	25'3	33'9	52'1	73'6	97'3	158'6



No. 1815 Door Springs „Triumph“.
With detachable arm. Applicable for right or
left hand. Strong make. Fully guaranteed

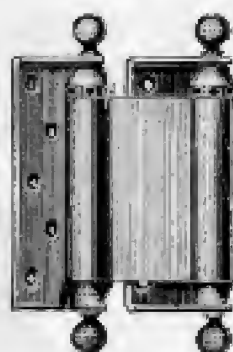
Size	1 for light doors	2 for hall doors	3 for light house-doors	4 for heavy house-doors
a) nickelplated with black japanned case per doz. sh.	37/6	49/6	59/6	75/3
b) bright polished with black japanned case per doz. sh.	35/-	47/-	57/-	72/9



No. 1816
Door Springs
English pattern.
Black japanned.

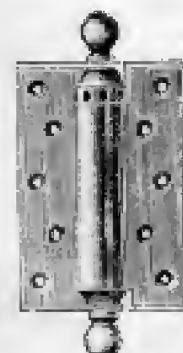
No. 1816a with roller

Length of the arm inch	10	12	14	16	18	20
a) with a roller for the arm p. doz. sh.	19/6	20/3	21/-	22/9	25/6	27/6
b) without a „ „ „ „ „ „ „	18/9	17/6	18/3	20/-	21/9	24/9



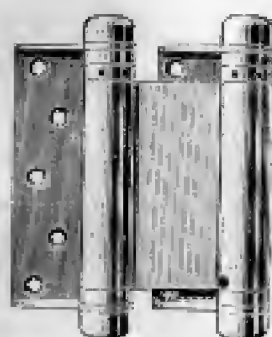
No. 1820 Door Spring Hinges. Double action.

Size No.	29	30	33	36	39	42	45	48
Length of joint inch	3	4	5	6	7	8	10	12
a) steel bright . . . sh.	5/10	6/10	8/10	11/9	15/8	21/6	35/3	70/3
b) „ black jap. . . sh.	6/10	7/10	9/9	13/8	17/6	25/5	39/-	78/-
c) „ nickelplated . . . pair sh.	10/9	11/9	15/8	19/6	27/3	35/-	58/6	107/6
d) „ brass . . . pair sh.	10/9	11/9	15/8	19/6	27/3	35/-	58/6	107/6
e) all brass pol. . . pair sh.	29/9	33/-	43/-	54/6	74/3	95/9	165/-	297/-



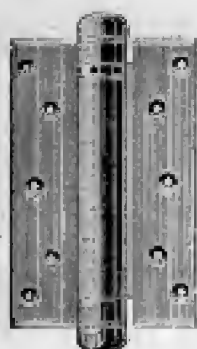
No. 1821 Door Spring Hinges. Single action.

Size No.	0	1	5	9	13	17	21	25
Length of joint inch	3	4	5	6	7	8	10	12
a) steel bright . . . sh.	3/9	4/2	5/5	7/-	9/1	12/6	19/-	37/3
b) „ black japanned . . . sh.	4/2	5/-	5/9	8/3	10/9	14/-	21/6	41/3
c) „ nickelplated . . . pair sh.	6/6	7/6	9/-	11/6	15/9	21/6	33/-	57/9
d) „ brass . . . pair sh.	6/6	7/6	9/-	11/6	15/9	21/6	33/-	57/9
e) all brass polished . . . pair sh.	21/6	24/9	31/3	39/9	52/9	71/-	109/-	191/6



No. 1822 Door Spring Hinges. Double action.

Size No.	29	30	33	36	39	42	45	48
Length of joint inch	3	4	5	6	7	8	10	12
a) steel bright . . .	5.9	6.8	8.3	11.6	14.9	20.9	33/-	66 -
b) „ black jap. . .	6.8	7.6	15 -	13.3	16.6	24 -	38 -	72.9
c) „ nickelled . . .	9.11	10.9	14.10	18.3	25.6	33 -	54.6	100.6
d) „ brassed . . .	9.11	10.9	14.10	18.3	25.8	33/-	54.6	100.6
e) all brass pol. . .	33.-	36.3	47.9	61/-	82.6	105.9	181.0	326.9
	per pair sh.							



No. 1823 Door Spring Hinges. Single action.

Size No.	0	1	5	9	13	17	21	25
Length of joint inch	3	4	5	6	7	8	10	12
a) steel bright . . .	4.2	5.-	6.3	8.3	10.9	14.9	21.6	41.6
b) „ black japanned . . .	4.6	5.9	7.6	9.-	12.6	16.6	24.9	46.3
c) „ nickelled . . .	7.5	8.3	10.9	13.3	17.3	24.0	36.3	64.6
d) „ brassed . . .	7.5	8.3	10.9	13.3	17.3	24.9	36.3	64.6
e) all brass polished . . .	24.9	38.-	34.9	43.-	57.9	79.3	120.6	211.3
	per pair sh.							



No. 1910

Shell Drawer Handles. Sheet Iron.

Size inch	2 1/4	2 3/4	3 1/4	3 3/4	4
mm	60	70	80	90	100

No. 1910	a) japanned p. gross sh.	7.10	8.-	10.6	12.-	13.-
	b) nickelled „ „	9.9	10.-	12.9	14.3	16.-
	c) brassed „ „	12.3	12.9	16.6	18.3	20.6



No. 1911

No. 1911	a) japanned „ „	—	8.6	11.-	—	14.-
	b) nickelled „ „	10.1	10.3	13.-	14.9	16.9
	c) brassed „ „	12.10	13.3	17.-	19.-	21.-

No. 1912 Iron Chest Handles.



	Size inch	2 1/4	3 1/4	3 3/4	4	4 1/4	5 1/4
	mm	70	80	90	100	120	130
a) japanned	per gross sh.	12.-	12.9	15.3	18.-	21.-	23.6
b) nickelled	" " "	—	19.8	21.-	24.-	—	—
c) brassed	" " "	—	21.9	23.-	26.3	—	—

No. 1913 the same handle as No. 1912 but heavier.

Finish japanned p. gr. sh. 12.6 13.6 16.3 19.- 23.3 27.-



No. 1914 Iron Chest Handles. Japanned.

	Size inch	2 1/4	3 1/4	3 1/2	4	4 1/4	5 1/4	5 1/2	6 1/4
	mm	70	80	90	100	120	130	140	160
a) medium weight as No. 1913 p. gross sh.		12/6	13/6	16/3	19/-	23/3	27/-	32/-	—
b) heavy " " "		—	24/9	27/-	30/-	35/-	38/6	43/3	51/3
c) extra heavy " " "		—	26/6	33/3	39/3	46/9	60/-	64/6	72/9



No. 1915 Iron Chest Handles.

	Size inch	2 1/4	3 1/4	3 1/2	4	4 1/4	5 1/4	5 1/2	6 1/4
	mm	70	80	90	100	120	130	140	160
a) japanned p. gross sh.		21/6	23/3	26/9	32/3	37/6	44/9	54/6	65/3
b) lined " " "		29/3	32/3	39/-	49/3	58/-	71/3	88/6	105/3
c) nickelled " " "		39/-	42/-	52/-	60/3	69/6	82/3	—	—
d) brassed " " "		42/9	47/-	56/3	65/9	76/6	90/9	—	—



No. 1916 Bright Iron Chest Handles with cramps.

	Size inch	3 1/4	3 1/2 light	3 1/2 heavy	4
	mm	80	90	90	100
a) with round plates p. gross sh.		12/3	12/9	13/6	17/9
b) without " " " " "		8/6	8/9	9/9	10/6



No. 1920 Sheet Iron Hasps.

	Size inch	3 1/4	3 1/2	4	4 1/4	5 1/4	5 1/2	6 1/4
	mm	80	90	100	120	130	140	160
a) bright " p. gross sh.		15/9	16/9	19/-	21/3	22/9	23/6	25/3
b) japanned " " "		16/6	17/6	19/9	22/-	23/3	24/6	26/3
c) brassed " " "		18/3	20/-	23/3	25/6	27/6	29/6	31/6



No. 1921 Hasps and Staples. Japanned.

	Size inch	2 1/4	3 1/4	3 1/2	4	4 1/4	5 1/4	5 1/2	6 1/4	7
	mm	70	80	90	100	120	130	140	160	180
a) light p. gross sh.		8/6	10/3	11/6	13/6	14/6	17/-	18/-	20/6	—
b) usual " " "		—	11/6	13/6	16/6	18/-	19/9	20/6	23/-	24/6
c) strong " " "		—	—	—	26/6	28/-	29/6	31/3	33/-	36/3



No. 1922 Hasps and Staples.

Japanned with nut-screw.

	Size inch	5 1/4	6 1/4	7
	mm	140	160	180
a) heavy " " per gross sh.		56/3	59/3	63/-
b) extra heavy " " "		—	69/9	72/9

Without nut-screws per gross sh. 12/9 less.

No. 1923 Hasps and Staples

as shown above but **English pattern** of Nos.

No. 10 to 14 similar to No. 1921

" 15 " 17 " " " 1922

No.	10	11	12	13	14	15	16	17
former	0	2/0	3/0	4/0	5/0	6/0	7/0	8/0

a) bright " p. gross sh.	9/-	9/6	11/-	12/9	23/3	28/6	26/3	42/-
b) japanned " " "	10/-	10/6	12/-	14/-	24/6	30/-	38/3	44/3



No. 1924 Door Holders.

a) japanned per gross sh. 78/-
b) lined " " " 91.3



No. 1925 Door Holders.

a) japanned per gross sh. 79.3
b) lined " " " 95.6



No. 1926 Two-fold Wire-Screw-Hooks.

	Size No.	0	1	2	3	4	5	6
total length	mm	35	40	50	60	75	90	100
length without screw "		25	30	35	45	55	65	75
thickness	"	2	2.2	2.5	3	3.5	3.5	4
a) japanned p. gross sh.		4/-	4/4	4/10	5/9	6/9	7/9	9/3
b) nickelled " " "		4/6	4/9	5/6	6/3	7/4	8/6	10/6
c) brasses " " "		5/4	5/8	6/3	7/6	8/9	10/-	12/3



No. 1927 Two-fold Wire-Screw-Hooks.

	Size No.	10	11	12	13	14	15
total length	mm	45	55	70	85	95	105
length without screw "		35	45	55	70	75	80
thickness	"	2	2.5	3	3.5	3.5	4
a) japanned p. gross sh.		4/6	5/4	6/3	7/5	8/5	9/9
b) nickelled " " "		5/-	6/-	7/-	8/-	9/3	11/6
c) brasses " " "		6/-	6/10	8/3	9/6	11/3	13/6



No. 1928 Two-fold Wire-Screw-Hooks.

	Size No.	20	21	22	23	24	25
total length	mm	35	45	60	70	80	90
length without screw "		25	35	45	55	60	65
thickness	"	2	2.5	3	3.5	3.5	4
a) japanned p. gross sh.		4/8	5/4	6/3	7/5	8/5	9/9
b) nickelled " " "		5/-	6/-	7/-	8/-	9/3	11/6
c) brasses " " "		6/-	6/10	8/3	9/6	11/3	13/6



No. 1929 Two-fold Wire-Screw-Hooks.

	Size No.	29	30	31	32
total length	mm	50	60	75	90
length without screw "		40	45	55	65
thickness	"	2.5	3	3.5	3.5
a) japanned p. gross sh.		5/9	6/6	7/9	8/6
b) nickelled " " "		6/4	7/1	8/6	9/6
c) brasses " " "		7/9	8/6	10/3	11/3



Iron Hooks, Halfround.

No. 1935 with eyes

No. 1936 without eyes

			Size inch	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4
			mm	15	20	25	30	35	40	45	50
No. 1935 with eyes	a) bright	p. gross sh.	5/9	5/11	6/3	6/6	6/10	6/11	7/5	8/1	9/7
	b) nickelled	"	6/3	6/4	6/8	7/1	7/5	7/9	8/3	8/10	10/10
	c) brassed	"	6/3	6/4	6/8	7/1	7/5	7/9	8/3	8/10	10/10
No. 1936 without eyes											
	bright	p. gross sh.	4/10	4/10	5/3	5/3	5/6	5/9	6/1	6/9	8/2
			Size inch	2 1/2	2 3/4	3	3 1/4	3 1/2	4	4 1/4	5
			mm	65	70	80	85	90	100	110	130
No. 1935 with eyes	a) bright	p. gross sh.	11/2	12/1	15/3	16/9	18/-	23/6	24/9	28/-	32/-
	b) nickelled	"	12/9	13/9	18/-	20/-	21/9	29/-	31/6	—	—
	c) brassed	"	12/9	13/9	18/-	20/-	21/9	29/-	31/6	—	—
No. 1936 without eyes											
	bright	p. gross sh.	9/8	10/6	13/6	14/9	15/9	20/9	22/6	25/6	29/6

Brass Hooks, Halfround, brass polished.

			Size inch	3/4	1	1 1/4	1 1/2	1 3/4	2
			mm	15	20	25	30	35	40
No. 1937	with eyes	p. gross sh.	16/1	16/2	16/5	16/11	18/3	19/-	21/-
No. 1938	without eyes	"	12/-	12/-	12/3	12/9	13/9	14/6	16/6
			Size inch	2	2 1/4	2 1/2	2 3/4	3	3 1/2
			mm	50	60	65	70	80	90
No. 1937	with eyes	p. gross sh.	31/9	36/3	42/6	51/-	60/6	79/9	101/9
No. 1938	without eyes	"	25/6	28/9	32/6	40/6	48/-	64/6	85/6



No. 1941/1-10 Hat- and Coathooks

with iron knobs.

			Size No.	1	2	3	5	6	8	10
			mm	130	145	145	160	165	180	200
			thickness	5 1/2	5 1/2	6	6 1/2	7	8	8
a) japanned	p. gross sh.		15/9	17/-	18/9	22/6	29/9	42/6	50/-	50/-
b) nickelled	"		19/-	20/6	22/3	26/3	35/-	51/6	—	—
c) brassed	"		21/-	22/6	24/3	28/9	38/-	56/-	—	—



No. 1942/51-55 Hat- and Coathooks

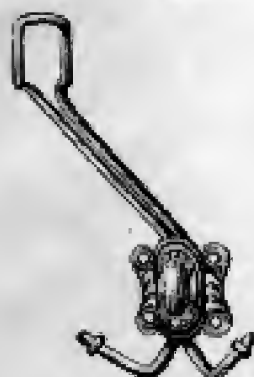
with porcelain knobs.

			Size No.	51	52	53	55
			mm	145	160	160	175
			thickness	5 1/2	5 1/2	6	6 1/2
a) japanned	p. gross sh.		33/3	35/3	40/6	47/3	—
b) nickelled	"		37/3	39/3	45/3	53/9	—
c) brassed	"		39/9	41/6	48/6	58/6	—



No. 1943 12-14 Hat- and Coathooks
of two fold wire,

	Size No.	12	13	14
	mm	155	170	200
thickness	"	4	4 1/2	5
a) japanned p. gross sh.		22 -	25 9	31 6
b) nickelled " " "		26 -	30 1/2	36 9
c) brassed " " "		28 6	32 9	40 -



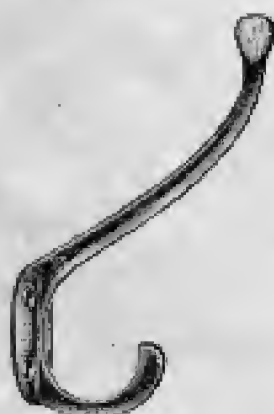
No. 1944 1-3 Hat- and Coathooks.

	Size No.	1	2	3
	mm	100	180	200
thickness	"	4	4 1/2	5
a) nickelled p. gross sh		34 9	36 9	45 6
b) brassed " " "		38 -	40 -	49 6



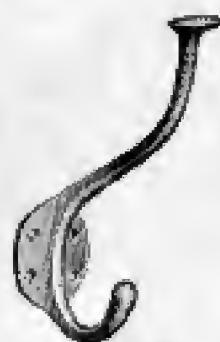
No. 1945 Hat- and Coathooks.

	Length	Inch	5	5 1/2	6
a) japanned p. gross sh.	66 -	70 -	83 -		
b) heavy nickel-plated " " "	108 -	111 -	125 -		
c) " brass plated " " "	129 -	132 -	146 -		
d) antique brass " " "	135 -	139 -	153 -		
e) " copper " " "	135 -	139 -	153 -		
f) all brass " " "	"	"	"	216 -	



No. 1946 Hat- and Coathooks.
Length 7 Inch.

a) japanned per gross sh.	94 -
b) heavy nickel-plated " " "	142 -
c) " brass plated " " "	163 -
d) antique brass " " "	170 -
e) " copper " " "	170 -
f) 6 1/2 Inch long, all brass " " "	208 -



No. 1947 Hat- and Coathooks.

Length 6 1/2 inch.

a) japanned	per gross sh.	94/-
b) heavy nickel-plated	"	139/-
c) " brass plated	"	159/-
d) antique brass	"	166/-
e) " copper	"	166/-
f) 6 inch long, all brass	"	208/-



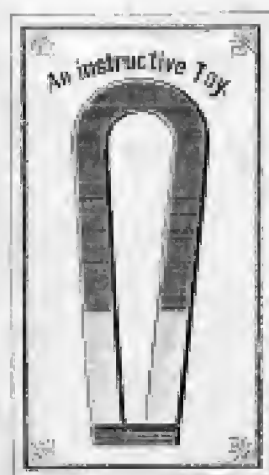
No. 4011 Horseshoe-Magnets.

Half red japanned.

Length inch	1 1/2	2	2 1/2	2 3/4	3 1/2	3 3/4
Weight per gross lbs.	3	3 1/2	6	7	11	14 1/2
per gross sh.	11/6	13/6	19/-	22/3	25/9	30/3
Length inch	4	4 1/2	4 3/4	5	5 1/2	
Weight per gross lbs.	17	21	26	37	62	
per gross sh.	35/6	45/6	54/6	66/6	94/-	

No. 4012 The same Magnet as above
but light execution.

Length inch	1 1/2	2	2 1/2	2 3/4	3 1/2	3 3/4	4	4 1/2	4 3/4
Weight per gross lbs.	2 1/2	2 3/4	3 1/2	4 1/2	8	11	14 1/2	18	21
per gross sh.	10/-	12/-	13/6	20/-	23/-	26/6	30/9	40/-	48/6



Horseshoe-Magnets on Cards.

Length inch 3 1/2 3 1/2 4 4 1/2

No. 4013 (Quality as No. 4011)

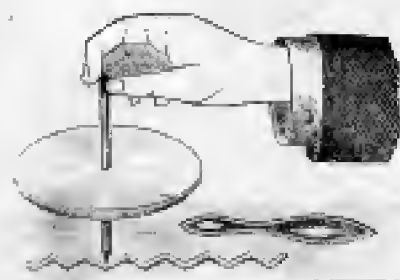
1 only on card p. gross cards sh. 35/3 37/9 44/6 66/6

No. 4014 (Quality as No. 4012)

1 only on card p. gross cards sh. 31/9 35/3 39/9 60/6

Per Dozen on Cards.

No. 4015 (Quality as No. 4012) 5 1/2 inch long
per doz. cards (1 gross) sh 27/3



No. 4024 Magnetic-Tops.
A delightful toy.

Each piece in a box with
printed directions for use.

	A	B
Weight per gross lbs.	6½	3½
per gross sh.	27/3	16/9

Magnets and Magnetic-Tops for advertisement at special prices.



Emery cloth. Emery paper.
Glass and Flint paper.

No. 4951 Emery cloth, genuine blue twilled, extra strong A. Size 8¼×11¾ inch

No.	00	0	1	1½	2	2½	3	3½
p. 1000 sheets sh.			455/-			478/-	500/-	523/-

No. 4952 Emery cloth, genuine blue twilled B. Size 8¼×11¾ inch

No.	00	0	1	1½	2	2½	3	3½
per 1000 sheets sh.			320/-			336/-	352/-	368/-

No. 4953 Emery cloth, genuine blue twilled C. Size 8¼×11¾ inch

No.	00	0	1	1½	2	2½	3	3½
per 1000 sheets sh.			290/-			304/-	319/-	333/-

No. 4954 Emery cloth, genuine white. Size 8¼×11¾ inch

No.	00	0	1	1½	2	2½	3	3½
per 1000 sheets sh.			162/-			171/-	179/-	187/-

No. 4955 Emery paper yellow. Size 9×11¾ inch

No.	00	0	1	1½	2	2½	3	3½
per 1000 sheets sh.			87/-			96/-	109/-	131/-

No. 4956 Glass paper yellow. Size 9×11¾ inch

No.	00	0	1	1½	2	2½	3	3½
per 1000 sheets sh.			62/-			68/-	77/-	93/-

No. 4957 Flint paper grey. Size 9×11¾ inch

No.	00	0	1	1½	2	2½	3	3½
per 1000 sheets sh.			59/-			65/-	74/-	88/-

No. 4589 Flint paper grey. Size 23½—27½ inch.

No.	40	0	1	1½	2	2½	3	3½
per 1000 sheets sh.			336/-			370/-	420/-	505/-

Latest Novellies!

(D. R. G. M.)

Square and Marking Gauge in one Tool.



No. 1547



No. 1548

Try and Mitre Squares with bronzed stock and oval holes in steel blade replacing Marking Gauge. **Division only in Metric system** on one side. Holes mark full and half centimeters. These squares make pleasure to every workman and are absolutely essential in every workshop.

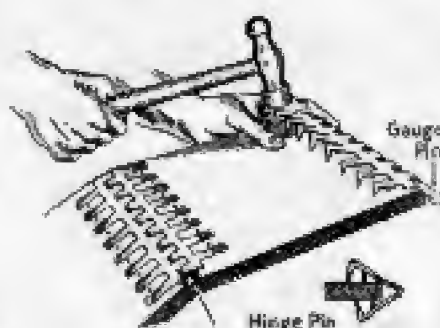
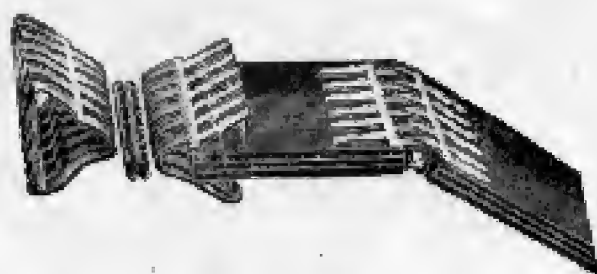
Length of blade cm.		15	20	25	30	35	40
No. 1547	} per doz. sh.	49/-	56/-	65/-	75/-	85/-	95/-
No. 1548							

No. 1549b

No. 1549 Carpenter's Steel Squares.

- a) with oval holes for marking square wood. Holes mark full and half centimeters.
- b) with square holes as illustrated for marking round wood. The points of holes mark full centimeters.

Length cm		60	70	80	90	100
a) oval holes	} per doz. sh.	113.6	118	125	135	146
b) square holes						



No. 1803 „Hinger“ Flexible Steel Belt Fasteners.

Quick and easy handling. To fasten only with hammer. No noisy knocking because flexible. Suitable for every width because the strips of 8 or 12 inch. can be broken by hand to the desired length.

Directions for use in every box.

No.	For Belt Thickness	Contents of the box	Length of strips and rods	Price per Box
15	$\frac{1}{8}$ to $\frac{3}{16}$	16 sect. & rods	8 inch	3/-
20	$\frac{3}{16}$ to $\frac{1}{4}$	10 "	12 "	3/-
F 25	$\frac{1}{4}$ to $\frac{5}{16}$	12 "	8 "	3/-
G 25	$\frac{5}{16}$ to $\frac{3}{8}$	16 "	12 "	6/-
L 27	$\frac{3}{8}$ to $\frac{7}{16}$	16 "	12 "	6/9
M 33	$\frac{7}{16}$ to $\frac{1}{2}$	8 "	8 "	3/-
N 35	$\frac{1}{2}$ to $\frac{5}{8}$	8 "	12 "	4/6
U 45	$\frac{5}{8}$ to $\frac{3}{4}$	8 "	12 "	6/-
X 60	$\frac{3}{4}$ to $\frac{7}{8}$	8 "	12 "	7/6

Give it a trial and compare against other makes
and you will use no other but our fasteners.